

# PACT

PDF Catalog





BULLET  
CAL. \_\_\_\_\_  
PWDR. \_\_\_\_\_ PWDR. WT. \_\_\_\_\_

CAL. \_\_\_\_\_ BULLET 155gr Rt.

PROFESSIONAL  
BULLET WEIGHTS  
CAL. 308 WINCHESTER THE NEW  
WEIGHTS FOR THE NEW  
LEAD TEST 95.0%  
S.S. 5% 100.0% 100.0%  
VELOCITY 1900 ft/min  
STRETCH HEIGHT 1.8  
STRETCH WEIGHT 1.9  
STRETCH DIAMETER 1.87  
MFG. P.O. - BRIDGE 181  
MFG. P.O. - ZEPH 181  
\*2.9 & 188 YARDS  
DIST. PATH TAYLOR  
50 +2.2 114.64  
100 +2.8 180.98  
150 +4.0 183.51  
200 +4.3 99.27

RRRA  
SPORTS  
MASTER

Easy  
H

SPEER  
9mm 356 FLAT POINT  
BULLETS  
100

FEDERAL  
40 S&W  
100 SM&B

# PACT PROFESSIONAL CHRONOGRAPH

Dear Shooter,

PACT was founded in 1982 to design and produce the first modern training timer for shooting, the PACT Championship Timer. Over the years the Championship Timer has undergone several changes, both in software and hardware. In its current form, The MKIV Championship is by far the most advanced training timer in the world and is the choice of top competitive shooters in a variety of disciplines as well as our most elite military and law enforcement units.

We've also developed several different chronographs. Spread over a wide price range, our chronographs run from our most basic unit, the Model 1, which competes on a performance basis with the best our competitors have to offer, yet at a price close to that of the disposable down range box units. Our higher end units incorporate built in ballistic computers and a printer.

In 1993 we developed our first Digital

Electronic Scale. This was the first electronic scale designed from the ground up with the particular needs of reloaders in mind. As with all our products, we've steadily refined it, tuning its circuitry and software as well as incorporating an infrared data port. By producing the very best at a reasonable price, PACT has become the largest manufacturer of electronic reloading scales in the world.

Our most recent innovation was the introduction, in 1996, of our long awaited Electronic Powder Dispenser. Working in conjunction with our top of the line electronic scale, the Dispenser takes the drudgery out of load development by automatically dispensing the exact amount of powder you require. In 1997 the Shooting Industry Academy of Excellence awarded it Accessory of the Year.

Like you, we at PACT are active shooters and reloaders. We go through the same trials and tribulations you do. Whether developing loads, or working to improve our skill at arms,

we know what it takes. We design products that we want to use. We listen to your ideas for improvements and incorporate them whenever practicable. All our PACT products are manufactured right here at our factory in Texas and we sell them direct to you. All are backed by our no BS warranty and all carry a 30 day money back guarantee.

Thank you for your interest in PACT products. If we can answer any questions for you or if you'd like to place an order please give us a call at 800-722-8462 (800 PACT INC). Our products can also be viewed on the internet at [www.pact.com](http://www.pact.com).

Good shooting,



Ronin Colman, President/CEO

If you're a reloader who enjoys refining his loads to perfection, a PACT Chronograph will provide you with a tremendous insight into the inner workings of your cartridge. How? Because the velocity of a given round is the byproduct of the average pressure of that round. There is no free lunch. Velocity reflects pressure. Compare the actual velocity of a particular charge to the predicted velocity. This will help you determine if you're getting adequate ignition or if you're moving into the danger zone on pressure even though you're still below the "max." load. Taking note of the average variations in shot to shot velocity will alert you to subtle problem areas of a load and help you eliminate the variables. This insight is the difference between a load that goes "bang" and one that really performs.

The software in all PACT Chronographs was written with this analysis in mind. Our mission is to help you produce the finest possible ammunition and hit your target.

"Thank you for the Next Day Air shipment on the PACT. Your Chronograph produced loading data that was used at 1990 Camp Perry. It was those loads that won the Tompkins Trophy, Leech Cup and Centenary Trophy."

M.R.M., Philpot, KY

## PACT PROFESSIONAL CHRONOGRAPH

Height 2 1/2" Width 10 1/2" Length 6 1/2" Weight 26 Oz., 32 Character Display, 16 Key Multi Function Keyboard, Built In Printer, 300 Shot Memory, Tracks Multiple Strings, User Upgradeable Software, Hot Key User Interface, Chronograph Functions Allow In-depth Analysis of Ammunition, Full Function Ballistic Computer, Built In Bullet Library, 30 Day Money Back Guarantee and Lifetime Warranty. Made in the USA.

## WHY CHRONOGRAPH?

It's a hit or miss proposition to use reloading manuals or manufacturers' claims to determine the velocity of a load in your gun, for the simple reason that the measurements were taken using their gun. Why should you care

how fast your loads are going? Because knowing the velocity of your loads in your gun will allow you to refine them for the best possible accuracy at distance, remove the guesswork from holdover and insure optimum bullet performance on game.

## PACT PROFESSIONAL CHRONOGRAPH

Like all of our chronograph systems, the PACT Professional Chronograph comes equipped with our legendary MK5 Professional Skyscreens. The huge shooting area (14" x 12") allows you to switch between targets without having to move your skyscreens. Each time you fire a round the shot number, velocity and current average velocity are automatically stored in memory and displayed on our state of the art 32 character display. The Professional Chronograph automatically recalculates all of the statistics for your current string: The Extreme Spread (the difference between the highest and lowest velocities), the Standard Deviation and Average Deviation. These calculations take place in the "background" without tying up the machine.

"...Your Professional Chronograph is a very big asset to my reloading hobby and it has produced very consistent results. I love the capability of the ballistics calculator and optional programs. It's a reloaders dream come true!"

R.S., Kenia, OH

Using our Hot Key™ user interface, you control the information displayed on the bottom line of the display. For

example, if you're wondering what are the highest and lowest velocities recorded so far you'd just press the "Hi Lo" key. The average velocity will disappear from the bottom line of the display and be replaced with the highest and lowest recorded velocities for that string. To go back to the average just push the average button. The important thing to realize is that you do not have to end the string to view this data. You can completely review any aspect of your string while continuing to add shots to it.

### MULTIPLE STRINGS

The PACT Professional Chronograph holds up to 300 shots in memory. Pressing the GO button starts a new string. However all of the data is available to you at any time. So what? Lets say you're working through some loads. After shooting ten different loads for group, you select number four as having the best accuracy. You can pull it up on the display and confirm that you have adequate velocity for good bullet expansion. At this point you might go ahead and press the PRINT button for a hard copy for your records then pop over to the Ballistic Computer to calculate the optimal 100 yard zero for this gun/load combination and print yourself a drop table.

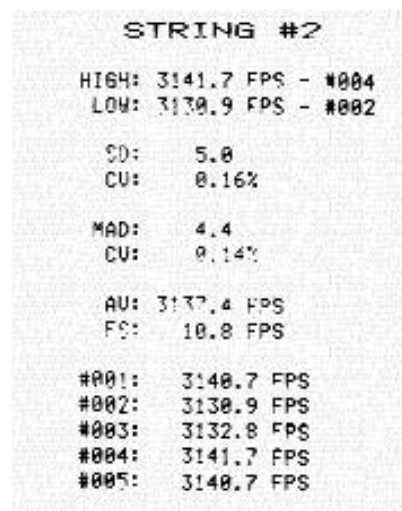
### WHY A BALLISTIC COMPUTER?

A once in a lifetime buck. Looks to be around 250 or 275 yards. As you steady the sight you get the first pang of doubt: "Maybe I'd better hold over a little." You settle the cross hairs on the top of his back and carefully let the shot go. He bolts and runs, no blood sign. Good work, you shot



```
#05 2494.5 FPS
AV: 2491.1 FPS
```

clean over him. Welcome to the club! You can do everything else right, but if your gun is improperly zeroed and/or you don't know the trajectory for your load you're asking for a miss. Every gun/load combination has one optimal zero that will give you maximum performance.



```
STRING #2
HIGH: 3141.7 FPS - #004
LOW: 3130.9 FPS - #002

SD: 5.8
CU: 0.16%

MAD: 4.4
CU: 0.14%

AV: 3137.4 FPS
FC: 10.8 FPS

#001: 3140.7 FPS
#002: 3130.9 FPS
#003: 3132.8 FPS
#004: 3141.7 FPS
#005: 3140.7 FPS
```

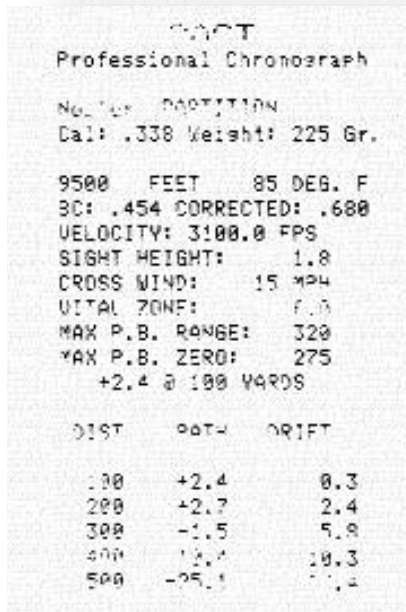
Unfortunately, it's always been such a pain to calculate that most of us don't bother and take to the field with a gun set "about an inch high at 100" with only the vaguest notion of our actual trajectory.

We think we've got a better way. First chronograph your load, then hit the Calculate Trajectory button. The Professional Chronograph will ask you a few questions about your gun and load then it will give you a print out telling you your optimal 100 yard zero to the tenth of an inch and a drop table that allows you to take to the field with a new confidence. No more guess work about hold over. The PACT Professional Chronograph will automatically correct for altitude and temperature. Curious about the effects of the wind? Have the Professional Chronograph make you a windage table.

"I don't normally write to companies where I buy their products to give remarks, but I had to drop you a line. I have been shooting, hunting and reloading for about 20 years. Usually anything you buy for the sport is pretty good, but your Chronograph is the best product I have bought in years; it works even better than advertised. Keep up the good work."

W.P., Archbald, PA

# PACT PROFESSIONAL CHRONOGRAPH



## YOUR OWN BALLISTIC TUTOR

We had originally tied the ballistic computer to the chronograph; to operate it you had to chronograph



something first. Fortunately we saw the light and changed the software to allow you to enter velocities from the keyboard. One of the neat things this lets you do is play "what if" to your hearts desire. What would really happen if your scope was mounted an inch higher? Does that .300 Zipper you've been coveting out perform your

.270? What effect does wind have on your bullet? After a couple of hours of this you'll be quite the authority on trajectory and a real bore at the range.

## BELLS AND WHISTLES

In addition to the basic trajectory functions described above the PACT Professional Chronograph is loaded with just about every imaginable feature. For example you can use Ballistic Computer at home to "back into" drop tables for guns that you've already zeroed. Just tell the Professional Chronograph how high you've got your rifle shooting at 100 yards. It will create a drop table based on your existing zero. No other Ballistic Program on the market contains this useful feature. The Professional Chronograph also calculates windage and changes in trajectory due to altitude and temperature. Popular bullets from Barnes, Hornady, Remington, Sierra, Speer and Nosler are included in the built in bullet library. Wonder how much a .378 Weatherby kicks? The Professional Chronograph will tell you as well as giving you a relative comparison to the recoil of a "standard" 30-06 load. The Professional Chronograph will even calculate your actual, measured,

Ballistic Coefficient and correct it back to standard conditions for comparison with the factory claims.



Terminal ballistic functions include the calculation of Kinetic Energy, Momentum, IPSC Power Factor, Taylor Knock Out and the Wootters Lethality Index.

## THE PACT PC<sup>2</sup> CHRONOGRAPH

Based upon the original PACT Precision Chronograph, the PACT PC<sup>2</sup> (pronounced PC squared) is our

newest chronograph. Like all of our chronograph systems the PACT PC<sup>2</sup> comes equipped with our legendary MK5 Professional Skyscreens. Their huge shooting area (14" x 12") allows you to switch between targets without

having to move your skyscreens. The chronograph functions are virtually identical to those found in the Professional Chronograph. Each time you fire a round the shot number, velocity and current average velocity are automatically stored in memory and displayed on our state-of-the-art 32 character display. Then the PC<sup>2</sup> recalculates all of the statistics for your current string: The Extreme Spread (the difference between the highest and lowest velocities), the Standard Deviation and Average Deviation. These calculations take place in the "background" without tying the machine up.

### M5 PROFESSIONAL SKYSCREENS AND OPTIONAL SKYSCREEN MOUNTING BRACKET

The PACT M5 Professional Skyscreens provide you with a huge 12" by 14" shooting window. Not only does this speed your setup, it also allows you to change targets without having to move the skyscreens. Optional mounting bracket (red bar) mounts to any standard camera tripod.



# PACT PC<sup>2</sup>

The PC<sup>2</sup> also includes our Hot Key™ user interface. You control the information displayed on the bottom line of the display. For example if you are wondering what the highest and lowest velocities recorded so far you'd just press the "Hi Lo" key. The average velocity will disappear from the bottom line of the display and be replaced with the highest and lowest recorded velocities for that string. To go back to the average just push the average button. The important thing to realize is that you do not have to end the string to view this data. You can completely review any aspect of your string while continuing to add shots to it. As far as straight chronograph operations go the PC<sup>2</sup> contains all of the chronograph features of it's big brother the Professional.

## PACT PC<sup>2</sup>

Height 2" Width 4 1/2" Length 5 1/2" Weight 14 Oz., 32 Character Display, 16 Key Multi Function Keyboard, Optional Infrared Printer Driver (\$25), 300 Shot Memory, Tracks Multiple Strings, User Upgradeable Software, Hot Key User Interface, Chronograph Functions Allow In-depth Analysis Of Ammunition, Built In Ballistic Computer, Built In Bullet Library, 30 Day Money Back Guarantee and Lifetime Warranty. Made in the USA.

## BASIC BALLISTICS

We pioneered the chronograph based ballistic computer with the PACT Professional Chronograph. Much of this software has been "ported" over to the PC<sup>2</sup>. The ballistic computer in the PC<sup>2</sup> includes the ability to calculate your optimal 100 yard zero and subsequent down range trajectory. Correct for altitude, temperature and sight height. The PC<sup>2</sup> will also give you the trajectory for a gun that you've already zeroed.



What's missing? The PC<sup>2</sup> has a much smaller memory than the Professional Chronograph, so some of the software based features of the Professional are not present in the PC<sup>2</sup>. In day to day use the most notable operational difference is that



the PC<sup>2</sup> lacks the Professional's bullet library. You'll need to look your bullets BC up in the manufactures loading manual and enter it by hand.

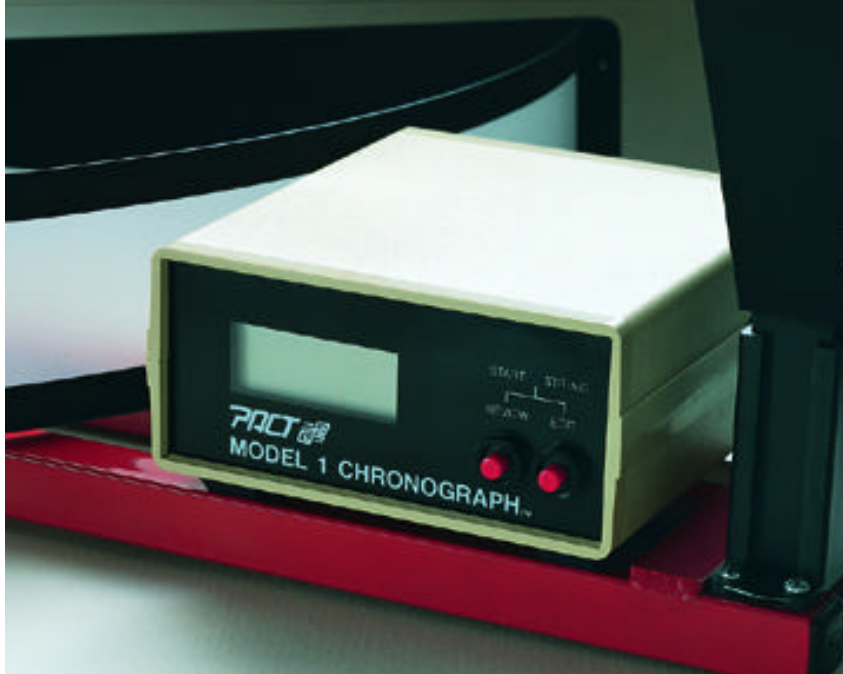


## OPTIONAL PRINTER INTERFACE

With the optional infrared print driver installed, the PC<sup>2</sup> can give you

chronograph and trajectory print outs on our optional Hewlett Packard battery powered infrared printer. Why would you go this route instead of getting the Professional model with built in printer? If you've already got one of these printers this approach can get you running for less money. Or, if your not sure if you want to get a printer yet, it's a way of spreading things out a bit.

# PACT MODEL 1



## PACT MODEL 1 CHRONOGRAPH

### MORE BANG LESS BUCKS

If you're on a bit of budget but still want a top quality full function chronograph the PACT Model 1 is for you. The Model 1 is the best third generation chronographs and competes directly with the Oehler 35 and Pro Tach Classic. Like all our

chronographs, the Model 1 comes equipped with our top of the line M5 Professional Skyscreens providing you with the same high accuracy and ease of set up as our more expensive units.

Each time you fire, the shot number and velocity will alternate on the Model 1's four digit display. When you complete your string, the Model 1 will provide you with a statistical summary consisting of the average velocity, the highest and lowest velocities, as well as the standard

#### PACT MODEL 1

Height 2 1/4" Width 5" Length 5 1/2" Weight 15 Oz., 4 Digit Display, Optional Infrared Printer Driver (\$25), 24 Shot Memory, Shot Number And Velocity Automatically Displayed, Calculates Average, Hi Lo, Extreme Spread, Standard Deviation. 30 Day Money Back Guarantee and Limited Lifetime Warranty. Made In USA.

deviation and average deviation of your load. In addition, each shot of the string may be recalled from memory.

### WHICH CHRONOGRAPH IS FOR ME?

All of our chronographs are equally accurate. They all use the same skyscreens and internal detection circuits. They're all equally easy to set up and use. The differences between them are really in the computing power, software and display. If you're only interested in velocity measurements and don't care about trajectory information the Model 1 is the chronograph for you.

From a chronograph standpoint, the PC<sup>2</sup> makes use of its 32 character display to concurrently give you the shot number, velocity and current

average velocity. This display combined with our Hot Key™ user interface makes the analysis of your data a breeze. The other thing you pick up with the PC<sup>2</sup> is a basic version of the ballistic computer found in the Professional Chronograph. For many shooters this increase in capacity of the PC<sup>2</sup> over the Model 1 is well worth the small difference in price.

From a purely chronograph standpoint, the PC<sup>2</sup> and Professional Chronograph are just about identical. The big gain with the Professional Chronograph comes with the built in printer and bigger program memory. For chronograph operation the printer is a nice luxury. Make yourself a hard copy of the string and staple it to your target for your records, etc.. Where the printer really comes into its own is when it's used with the ballistic computer. Because you're producing drop tables and comparing trajectories, the ability to lay two printouts side by side for comparison is pretty neat. You'll also find that you use the machine a good bit at home producing drop tables for your buddies. Being able to hand them a printed drop table will let you usher them out of your house a little faster.



## IT'S ABOUT HITTING.... QUICKLY

### WHY DO I NEED A SHOOTING TIMER?

Whether your marksmanship interest lies in hunting, competitive shooting or self defense, if you're going to improve, you've got to keep track of the two elements you're striving to master: accuracy and speed. Would you consider practicing without a target? Of course not. Without a target you have no measure of your accuracy, no way to judge how well you're doing, no objective feedback. By the same token, when you practice without a timer you really haven't got a clue as to how long it's taking you to hit your target. Skill at arms means hitting quickly.

"My PACT MKIV Championship Timer is an integral part of my practice sessions. I only train with the best."

Doug Koenig

Many shooters feel that, since they're not interested in competitive shooting, a shooting timer is of no use to them. We respectfully disagree. With the possible exception of bench rest shooting, there is no shooting discipline in which speed is not a factor. Think Bambi is going to stand there forever? Not hardly. Is Mr. Badguy going to pause while you

fumble with the Mossberg trigger lock on your Clinton/Brady politically correct, single shot, home defense tranquilizer gun? Don't count on it. Skill at arms means hitting quickly.

"I've been training with PACT timers for seven years. The new MKIV is an outstanding advancement. Robby and I played with it on the drive to the Masters, playing "what if" for hours. Well done PACT."

Frank Glenn

"I can't always get to the range to practice. The PACT MKIV lets me set up just about any course of fire at home, allowing me to get the most from my dry firing sessions. It's an essential part of my training gear."

John Pride

### ADVANCED DISPLAY

The PACT MKIV features an advanced 32 character alpha numeric display, instead of the tiny seven segment wristwatch display commonly found on other timers and cheap alarm clocks (sorry guys, but facts are facts). This display allows the MKIV to clearly display all of the information about a given shot (shot number, split time, total time) at a glance, without having to mess around with the timer.



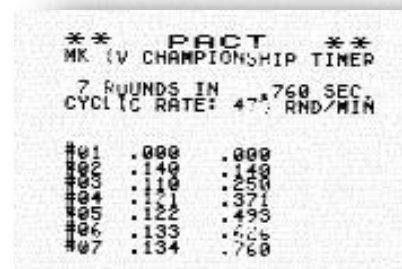
#06 .43 6.43  
1 OVER 6.00



The added benefit of this type of display is that it's "free form." We can display any combination of letters and numbers on it. Because of this capability, combined with our keyboard, we've been able to steadily add features and refine our software without forcing you to buy a new timer each time we think of a neat new trick. For example, former IPSC National Champion, Mike Plaxco, called us one day and suggested that we always display the first shot time on the bottom line of the display unless it's needed for other functions. A couple of days later we sent him the

new timer software implementing this improvement.

"I've trained exclusively with PACT timers for the last ten years. When I retired from shooting this summer I





# PACT MKIV

sold just about all of my equipment. One thing I just couldn't part with was my new PACT MKIV Championship Timer. It's just that good."

Brian Enos

## A TIMER TO TRAIN WITH

If you've never trained with a shooting timer, simply having the time of your last shot displayed will seem like a pretty neat deal. However, once you get rolling you'll find that you really want more from a timer. For example, let's say that you're practicing your El Presidente's (six reload six). You are mainly interested in your first shot,



#06 .24 2.09  
FIRST SHOT: .95

reload and total time. When you complete a run with the MKIV you glance at your timer and immediately see the first shot and total time displayed. It's automatic, no button pushing required. To get your reload time you'd simply press REVIEW, 7.

### PACT MKIV CHAMPIONSHIP TIMER

Height 2" Width 4 1/2" Length 5 1/2" Weight 16 oz.  
32 Character Display, 16 Key Multi Function Keyboard, Infrared Print Driver 300 Shot Memory, User Upgradeable Software, Hot Key User Interface, Incredible Timer Functions Too Numerous To List (training with will probably make you the best shot in the world)\*, Optional Chronograph Installed (\$69.95 Including Skyscreens), Built In Ballistic Computer, Man vs. Man Mode, 30 Day Money Back Guarantee and Lifetime Warranty. Made in the USA.

The timer will jump to shot number seven and will automatically display the time of shot seven as well as the split time between the sixth and seventh shots - your reload time. It's not that you can't get this information out of other timers, it's just that you've got to endlessly pound buttons to do it. You end up concentrating on running the timer instead of improving you shooting.

"When I train I like to keep a detailed record of my performance. This allows me to make objective assessments of different techniques and equipment. My PACT Timers have been an absolutely critical part of my training regime for my entire shooting career and have been an important key to my success. The new PACT MKIV and printer allow me to break my shooting down into bite size pieces. I wouldn't be without them."

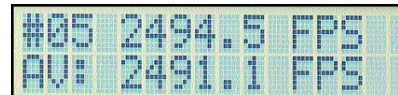
Jerry Barnhart

After you look at your reload time, you find that it's taking a little longer than you'd like. You push the KEY button and tell the timer to give you a beep 1.5 seconds after the sixth shot. Now you go ahead and fire another El Presidente. The timer will perform as before until you fire your sixth shot. At that point a second internal clock will start and give you a beep 1.5 seconds later. The first few times you try it you find that the beep comes before you've got the magazine to the well. As you improve, you find that

you're getting it seated by the beep. This is just one small example of how the MKIV Championship Timer acts like your own shooting coach to help you improve.

"I've been training with PACT Timers for years so I'm used to the best, but I must say that the new MKIV surprised me. It's really incredible that so many new useful features can be packed into such a small package. I've also been impressed with PACT's willingness to incorporate our suggestions into their timer. It's a truly outstanding product."

Alan Fullford



#05 2494.5 FPS  
AV: 2491.1 FPS

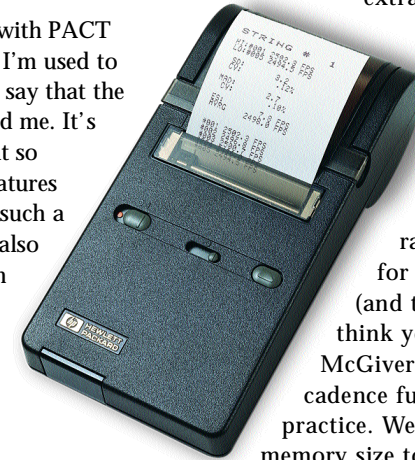
## LOTS OF BRAINS

Like the Professional and PC<sup>2</sup> chronographs, the MKIV also features our "Hot Key" user interface. However instead of steering you into the advanced chronograph features, the Hot Key™ interface makes it super easy to access our exclusive advanced training features. In addition to these standard features, which are guaranteed to enhance your

performance on everything from the Steel Challenge to the Bianchi Cup, we've added some new tricks. The MKIV includes the same ballistic computer found in the PC<sup>2</sup> at no extra cost! This will help you zero your gun to perfection (yes you can use it to help you bag Bambi). The MKIV also has a lead calculator, a rate of fire indicator for the buzz gun folks (and those of you who think you can whip Ed McGivern) and a new cadence function for dry fire practice. We have quadrupled the memory size to incorporate future software upgrades. What form will they take? You tell us!

"Ten years ago, when PACT introduced their first timer I said 'the PACT Championship Timer is the only timer you will ever need.' Over the years PACT's timers helped teach us what works (and what doesn't) as well as keeping things honest at matches. Not only is the new MKIV unquestionably the finest shooting timer ever made its chronograph and trajectory functions are second to none. I never go to the range without my PACT MKIV and neither should you."

Robby Leatham





# PACT CLUB TIMER II

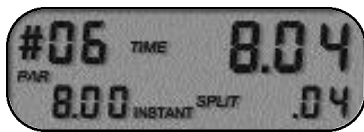
## EVOLUTION IN ACTION

### PACT CLUB TIMER II

“...As usual PACT is ahead of the competition in products and services. As a club president, match director and chief-range officer, I have used all of the various timers and I have to tell you that PACT is the best. Thank you.”

M.M., Alexandria, VA

The original PACT Club Timer was designed as a rugged, inexpensive timer that was simple to operate and containing all the features needed to run matches without the advanced training software, keyboard and display of the Championship Timer.



#### PACT CLUB TIMER II

Height 2 2/5 Width 3 3/4 Length 4 3/4 Weight 5 oz, PACT Custom Multi-function Display, Sealed Conductive Rubber Keypad, Corrosion Proof Contacts, Instant or Random Delayed (2 to 3.5 Sec.) Go, 100 Shot Memory with Automatic Data Compression. Simultaneously Displays Shot Number, Split Time and Total Time. Par Time Displayed when Activated, Automatic Battery Saver. 30 Day Money Back Guarantee and Lifetime Warranty. Made in USA.

We've kept track of your compliments and criticisms of the Club Timer, as we do with all our products, and incorporated several software changes you've requested over the years. Now we've decided to take the next step. We've thrown away the mold (literally) and started with a clean sheet of paper.

### YOU TALK WE LISTEN

The physical difference between using a timer for training and timing another shooter is in how you hold it. Most shooters clip their timer to their belt or lay it on a table for practice sessions. However, when you time another shooter, you'll usually hold the timer in your hand. Most R.O.'s try to get the buzzer as close to the shooters head as possible for the start. As the shooter fires and moves through the stage, the R.O. will follow him often "aiming" the timer at the shooter to insure that it picks up the shots. This can be particularly important with some of the light six gun loads used in Cowboy Action Shooting. Problems can occur when the R.O. accidentally blocks the microphone hole or - even more of a hassle - pushes GO by mistake wiping the shooters run out.

### FORM FOLLOWS FUNCTION

The totally new PACT Club Timer II addresses all these problems. The

Club Timer II is designed to fit the hand. No more clumsy boxes. Both the buzzer and microphone are located to the side of the timer, away from your hand, to minimize the possibility of blocking them. All the control buttons are recessed below the top of the Club Timer II so that there is no chance of accidentally pressing them as you run with the timer. Yet, when you want to press them, you'll find they fall naturally under your fingers - no more hunting for the GO button. And speaking of buttons, we've gone to a custom sealed conductive rubber keypad (the same type we use on the MKIV) along with corrosion proof contacts.



### OK, WE KNOW YOU'LL PRACTICE WITH IT

While nothing comes close to the MKIV for hard core training, we know that a lot of shooters use our Club Timers for practice. So we've designed a custom display that both helps the R.O. focus in on the critical information (the TIME is BIG) as well as providing the shooter with an super intuitive display of all relevant data as he reviews his string. In addition, the display makes programming the delay and PAR time

simple and straightforward. A PACT exclusive, when no PAR time is entered the first shot time is displayed separately, just like the MKIV.

### WHICH TIMER IS FOR ME?

If you are buying Timers for your shooting club the decision is simple; don't spend the extra money for a MKIV, you'll be buying features you'll never use. Buy two Club Timer IIs instead. If you are buying a timer for training the decision is a little tougher. The Club Timer II is designed primarily for running matches. Though its a fine timer for basic training, it lacks the sophisticated training features of the MKIV Championship Timer as well as the rate of fire indicator, ballistic computer and optional chronograph. However, we estimate that around 70% of the original Club Timer's sold have gone to individuals who are just getting their feet wet in competitive shooting. These shooters felt that, as a "beginner," the Club Timer was all they needed. Certainly, if you've never trained with a timer the Club Timer II will seem pretty heroic. It's neat to finally know how long it takes to hit the target or complete your favorite course of fire and be able to review your string. However, at some point you're going to try to start figuring out where you're loosing time and start developing training drills that help you



# PACT DIGITAL PRECISION POWDER SCALE

work on your weak spots. This is where the MKIV Championship Timer comes into it's own and the Club Timer II, while an excellent unit, falls a little short. On the other hand, the Club Timer II sure does look good. One of each?

"First, I would like to say a few words about my PACT timing system. This is a great device! Nothing has helped me as a shooter or reloader as much as my timer/chronograph. The timer gives me a true evaluation of my progress as an IPSC shooter when combined with my scored target. Try telling the difference between a 1.25 second draw from a .90 with-out one. It also makes it possible to enlighten some of my boastful friends. What the timer does for me, the chrono does for my loads. My PACT has served me well for these past 4 years. It has been to the mountains in the cold, it has been to the desert in the heat. It went with us on our honeymoon

## PACT DIGITAL PRECISION POWDER SCALE

Height 2 1/2" Width 5" Length 6 1/4" Weight 14 Oz., Large 4 Digit Display, 1500 Grain 100 Gram Capacity, .1 Grain .01 Gram Resolution, +/- .1 Grain .01 Gram Accuracy, AC Powered (adapter included), 20 and 50 Gram Check Weights Included. Fits Standard Powder Pan. 30 Day Money Back Guarantee and Limited Lifetime Warranty. Made In USA.

and routinely goes to Las Vegas to give me something to do when not winning money. Thanks for a truly great product, nothing else even comes close."

W.B., Fountain Valley, CA

"...I wish to commend you on:

1. A top quality product which works day in and day out, that I have confidence in, that is well made, and was well thought out.
  2. Customer service that can't be beat!
- I just wish all products that I've bought had your quality! I have and will continue to recommend PACT to anyone that asks. Thanks."

D.B., Oxford, NY

**BETTER  
BY DESIGN**

**PACT DIGITAL PRE -  
CISION  
POWDER SCALE**

## WHAT'S WRONG WITH A BALANCE BEAM?

Do you look forward to using your balance beam scale? You know that you'll have to hassle with getting it zeroed. Then you'll put your charge

on it and start, ever so carefully, sliding the weights back and forth trying to get the thing to settle into the middle. Then, just when you think you've got the thing pinned down, you bump the base and lose your zero. You have to start all over again. Even when you manage to keep it zeroed, getting an accurate reading is a slow tedious process at best. Ugh!

## WHAT'S RIGHT WITH A PACT SCALE?

The PACT Digital Precision Powder Scale offers an accurate and speedy alternative to all this messing around. Just turn it on, verify the calibration and weigh your charge. The PACT Scale will display the weight of your charge to a tenth of a grain on our large easy to read display in two seconds. In addition, your PACT Scale will keep itself zeroed. No more waiting for the scale to settle down and make up its mind. No more pushing little weights back and forth, just quick accurate readings. PACT's exclusive automatic error detection and correction software helps insure accuracy and repeatability.

## NOT CREATED EQUAL

Electronic powder scales have been around for years. The expensive ones

gave at least accurate readings, though their software often had a hard time dealing with the unique requirements of reloaders. The inexpensive scales offered by our competitors have, to date, all been based on repackaged postage meters or kitchen scales. The PACT Digital Precision Powder Scale was designed from the ground up with you, the reloader, in mind. Take a look at our platen design, its will perfectly center the powder pan over the load cell to enhance accuracy. Our software is tuned to the unique requirements of reloaders. From weighing lots of objects fast, like bullets or loaded rounds to trickling powder you'll find consistent, quick accurate results. Like the most expensive scales, our scale comes with two ultra precision check weights for proper calibration in compliance with weigh scale industry standards. The Digital Precision Powder Scale is accurate to a tenth of a grain all the way to 1500 grains.

"...I picked up one of your Digital Powder Scales last May, I love it. So much so that I sold both of my partners on it and they have since each bought their own. However a warning you should pass along to other would be customers. DON'T lend it to a hunting partner who is hanging on to the thought that balance beam scales are just as good. Don't just wouldn't



Midway 5S

CCI  
LARGE RIFLE  
PRIMERS  
100  
0011  
Keep out of reach of children. Read all warnings before use.  
Tenir hors de portée des enfants. Lire attentivement les avertissements avant utilisation.

SPEER  
GRAND SLAM  
30 CAL 165 GR  
308  
BULLETS

165.0

FACT 2  
GAS/GRAINS  
ZERO  
CAL

PCBS  
LOADING



# PACT BBK SCALE

accept the fact that your Digital Powder Scale was as wonderful as I made it out to be. So I took it over to him this past winter to try it out, big mistake. It got pretty scary for a while but I got it back and now he has his own."

G.F. Hercules, California

## INFRARED DATA PORT

The PACT Digital Precision Powder Scale comes with an optional Infrared Data Port. This allows the scale to transmit weight data via a beam of invisible infrared light to the revolutionary PACT Digital Precision Powder Dispenser. The Scale can also print weights through the data port to a HP 82240 portable printer.

"...Thank you for your service, friendliness and a great product. This has really made my shooting with muzzle loader rifle and bow much

more fun. I've got people from all around coming by to use it. Thanks."  
G.L.T., Winchester, TN

"Believe me, I don't hesitate to endorse your products to all my shooting friends. When another shooter brings up one of those 'high priced clockers', I just grin and take the guy by an elbow. "Let me tell you about a reasonably priced miracle I discovered that goes by the name of PACT!" I tell him, and show him my little magic box. Thanks, and keep up the good work."

C.B., Denver CO

"This by way of being a 'love letter'! Not in the usual sense, however. Not too long ago, I had to return my chronograph because it just wasn't acting right. After a reasonable amount of time, I received it, with note saying we've got you back up to speed. No bill, just thanks for buying a PACT."

E.L., Wylie, Tx.

## PACT BBK ELECTRONIC SCALE

The PACT BBK (Balance Beam Killer) Scale brings the speed and

convenience of a PACT electronic scale to the reloader at a balance beam price. The BBK is powered by a standard 9 volt alkaline battery and has a capacity of 750 grains / 50 Grams. The BBK is accurate to +- a tenth of a grain to 300 grains and +- two tenths from 300 to 750 grains. Like the Digital Precision Powder Scale the BBK comes with two ultra precision check weights for calibration. As with all our products, we designed the BBK, we build it at our factory in Texas and we ship it factory direct to you. We take full responsibility for your satisfaction.

## WHICH SCALE IS FOR ME?

Both the BBK and the Digital Precision Powder Scale (DPPS) will provide you with accurate weight information. If you were to put the two scales side by side and switch back and forth between them during a reloading session you would notice some differences. The load cell in the DPPS is of a higher quality (more expensive) than the one we use in the BBK as are the electronics that read it. This is why the DPPS can maintain +- a tenth of a grain over 1500 grains compared to the BBKs

300 grain span. You might ask yourself what difference this makes when you're only weighing 60 grains? What you'd find running the two scales side by side is the BBK will require re-calibration a little more often than the DPPS. In addition, the BBK is more sensitive to changes in temperature. The BBK is battery powered and will get about 8 to 10 hours if use from a Duracell Alkaline battery. The DPPS is AC powered and cannot run on a battery. We have also found over the years that the DPPS is more susceptible to damage from being dropped than is the BBK II.

The bottom line is that while both scales will work great for reloading, the DPPS is a better scale than the BBK, in fact the PACT Digital Precision Powder Scale is the finest reloading scale on the market bar none. The BBK was designed to meet the requirements of a reloader at the lowest possible cost. One thing to keep in mind is that only the DPPS can drive the Powder Dispenser, the BBK cannot and never will. If you think you may want to get the dispenser one day, by all means get the DPPS. You wont regret it.

### PACT BBK II SCALE

Height 1 1/2" Width 4" Length 5 1/2" Weight 5 Oz., Large 4 Digit Display, 750 Grain 50Gram Capacity .1 Grain .01 Gram Resolution. +- .1 Grain .01 Gram Accuracy To 300 +- .02 to 750 AC or Battery Powered (adapter included), 20 and 30 Gram Check Weights Included. Fits Standard Powder Pan. 30 Day Money Back Guarantee and Limited Lifetime Warranty. Made In USA.



# PACT DIGITAL POWDER DISPENSER

## PACT TAKES THE AGONY OUT OF LOAD DEVELOPMENT

### DO YOU WANT PRECISION?

One of the reasons we reload is our fondness for precision. Not only the precision with which a finely crafted load performs, but the satisfaction we receive from knowing we've done everything we can to insure uniformity and quality; precision.

### THE PRECISE LOAD

Clearly one of the keys to performance is the carefully worked up load. Several different bullets and powders with different charge weights are experimented with until you're satisfied that you've found the ideal combination. The problem with this is the tremendous amount of time it takes to produce, say 25 different loads (5 powders at 5 different charge weights). I think we'd all have to concede that there have been times that we've

thrown in the towel on load development a little earlier than we'd care to admit for lack of time to chase manual powder dispensers and balance beam scales.

### AUTOMATIC PRECISION

Working with the PACT Digital Precision Powder Scale the new PACT Digital Precision Powder Dispenser puts an end to the hassle of endlessly fiddling with manual powder dispensers. Working with our Digital Precision Powder Scale (required) the Dispenser will give you the exact charge weight you've asked for. Want 61.9 grains? Type it in and press Dispense. Your Dispenser will take it from there, depositing your powder directly into the powder pan resting on the Scale. The Scale tells the Dispenser the actual charge weight as it's being dispensed using our infrared data port (required). The information from the Scale allows the dispenser to precisely meter the charges, trickling the last few tenths.

In other words, each load is as accurate as it would be if you weighed each charge, trickling each one to the correct weight by hand. The difference is that the dispenser won't get tired or bored, and won't complain. It'll just sit there giving you what you asked for time after time.

"I must tell you that that I have been using my PACT scale for several years now and have been most satisfied with its performance. It has performed flawlessly over under a wide set of circumstances..."

I have been hand-loading now for 27 years and must admit to you that my new PACT Digital Powder Dispenser/PACT Digital Powder Scale does as good a job (OR BETTER) as I can do with my manual powder measure and manual powder trickler. Furthermore it measures out the charges very quickly and VERY VERY accurately. I could possibly be as accurate by hand, but it would take a lot of time and effort. I am absolutely in awe of this system and highly recommend it to anyone who is serious about hand-loading. It makes a tedious task so easy and fast that it puts the fun back into reloading.

Thank you for all your good work and great products. Keep them coming."  
K. V. Spring, Texas

### WHAT ABOUT PRODUCTION?

In production, set your manual dispenser to throw a grain or so low. Let the Dispenser finish the load off for you. This way you get a "hand" trickled load each time in just a few seconds. Precision reloading will never be the same.

## 30 DAY MONEY BACK GUARANTEE & LIMITED LIFETIME WARRANTY

PACT is American owned and operated. All of our Timers, Chronographs, Scales and our Powder Dispenser are built at our factory in Texas. This allows us to maintain a level of innovative engineering and responsive customer service that the foreign clones and knock offs can't touch. If you have a question or a problem with a PACT product you call us on our toll free customer support line. We'll take care of you. That's our promise and you can depend on it.

"Thank you very much for standing behind your product far beyond any reasonable expectations. I will gladly provide positive information about your product to anyone interested in chronographs."

T.T., Broomfield, CO

We guarantee that you'll be satisfied with your PACT. Try it for 30 Days. If you're not completely satisfied with all aspects of its performance simply return it to us for a full refund. All PACT products feature a real simple no BS warranty. If it breaks we'll fix it free, no matter if you bought it from us, your friend or at a garage sale. If you manage to smash it we'll fix it for cost. If it says PACT on it we stand behind it.

#### PACT DIGITAL PRECISION POWDER DISPENSER

Height 5 1/4 Width 5 7/8 Length 8 Weight 16 oz.  
16 Key Sealed Rubber Keypad. One Pound Capacity. Will Dispense Any Smokeless Powder, As Accurate As The Scale (required) +/- .1 grains. AC Powered. 30 Day Money Back Guarantee and Lifetime Warranty. Made in USA.

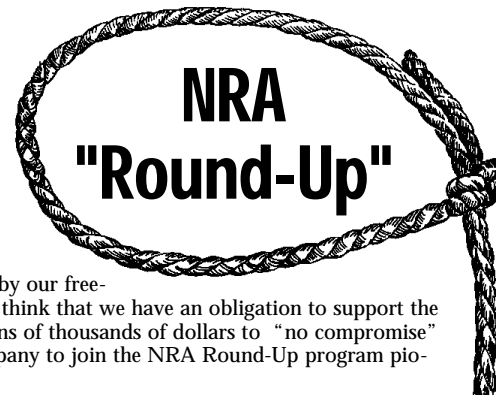


## TOTAL COMMITMENT TO FREEDOM

In this era of "political correctness" we thought we owed it to you to let you know where we're coming from. This company is made up of people who are 100% committed to the preservation of our individual liberty. We believe that the Constitution and Bill Of Rights exist to restrain the tyrannical tendencies of government. To this end we believe that the Second Amendment of the Bill Of Rights is the peoples "teeth" and that without it all other rights exist only at the pleasure of those in power. Specifically, we believe that "keep and bear" means own and carry and that the American Citizen has the right to possess the same individual weapons that our American Military issues to our troops.

Frankly, we have little use for companies who profit from the opportunities created by our freedom then turn around and use their money and influence to erode our freedom. We think that we have an obligation to support the freedom that makes our business possible. Over the years we have given, literally, tens of thousands of dollars to "no compromise" supporters of the Second Amendment. In June of 1992 PACT became the third company to join the NRA Round-Up program pioneered by Larry Potterfield, founder of Midway Arms.

Under the Round-Up program PACT is collecting funds for the NRA/ILA National Endowment for the Protection of the 2nd Amendment. Each time you order by phone the PACT representative will ask if you want to "Round-Up" for the NRA. If you do, PACT will automatically round your order up to the next highest dollar. No "administrative fee" is kept by PACT. These donations are not tax deductible. PACT is acting as an agent of the NRA solely for the purpose of collecting NRA/ILA Endowment Funds.



# PACT

P.O. BOX 535025  
GRAND PRAIRIE, TX 75053  
800 PACT INC

BULK RATE  
U.S. POSTAGE  
**PAID**  
GRAND PRAIRIE, TX  
PERMIT NO.308

PACT, Championship Timer, Club Timer, Professional Chronograph, Precision Chronograph, Model 1, Digital Precision Powder Scale, Balance Beam Killer, BBK, Digital Precision Powder Dispenser are trade marks of Practical Applied Computer Technology, Inc.  
All specifications subject to change without notice. COPYRIGHT 1997