



# Cole-Parmer®

## TIMERS AND CONTROLLERS

HIGH ACCURACY  
ENSURED REPEATABILITY  
ECONOMICALLY PRICED



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# Cole-Parmer® Timers and Controllers

## OUR STOPWATCHES AND TIMERS ARE RUGGED AND DEPENDABLE, YET VERSATILE AND ECONOMICALLY PRICED.

Cole-Parmer's diverse selection of timers ranges from digital stopwatches and wall clocks to count-up timers, count-down/up timers, multiple-channel timers, specialty timers, event bench timers, and more. Most stopwatches are water-, dust-, and shock-resistant, with a 3-year or 5-year warranty. Many of our timers are NIST certified to help meet ISO, FDA, USDA, and EPA guidelines.

### SLIMLINE TIMER IS ERGONOMICALLY DESIGNED; OVERSIZED BUTTONS MAKE OPERATION EASY

- Save time and man power with repeat memory function
- Place magnetic timer on incubators, refrigerators, and ovens for convenient access



### MULTIPURPOSE STOPWATCH IS DESIGNED FOR SINGLE- AND SPLIT-MODE TIMING

- Separate time-out, start, and restart buttons are easy to use, reducing the chance for mistakes



### DUAL-CHANNEL CLOCK/TIMER OFFERS SIMULTANEOUS COUNT UP AND COUNTDOWN

- Use with or without loud 70-dB alarm
- Stores previous results for quick reference



### USE THE FOUR-CHANNEL CLOCK/TIMER TO TRACK MULTIPLE TESTS SIMULTANEOUSLY WITH INDIVIDUAL ALARMS

- Memory recalls previous time set for repetitive testing
- Clock can be displayed in 12- or 24-hour format based on specific test requirements



## OUR LABORATORY CONTROLLERS GET THE JOB DONE RIGHT WITH HIGH ACCURACY AND ENSURED REPEATABILITY.

These technologically superior laboratory controllers will monitor and control variables during the most demanding laboratory processes—from developmental research, to program testing or sample preparation. Even our most economical units are NIST certified!

### COUNTDOWN CONTROLLER AUTOMATICALLY TURNS EQUIPMENT ON OR OFF UP TO 14 TIMES THROUGHOUT THE DAY

- Ideal for regulating repeatable stirring, heating, or pumping programs, saving manpower and cost
- Manual override instantly turns equipment on/off without disturbing the program
- Rechargeable NiCd battery maintains programs in progress, even during a power outage



### LAB CONTROLLER OFFERS THREE INDEPENDENT TIMING MODES—COUNTDOWN AND ALARM, COUNT UP, OR COUNTDOWN AND REPEAT— PROVIDING INCREASED FLEXIBILITY

- Programmable in any one-minute interval for up to 224 different settings a day or up to 1568 events per week
- Times can be set from one second to 100 hours for precise control
- Alarms are volume controllable and can be set to turn off automatically
- Features built-in metric converter for temperatures, weights, and liquid measurements
- Perform fast, accurate calculations with built-in calculator feature



## Stopwatch and Timers

| Description            | Slimline timer               | Multipurpose stopwatch      | Dual-channel clock/timer     | Four-channel clock/timer     |
|------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| <b>Catalog number</b>  | <a href="#">ML-94460-00*</a> | <a href="#">ML-35002-15</a> | <a href="#">ML-94440-10*</a> | <a href="#">ML-08649-10*</a> |
| Timing capacity        | 100 minutes                  | 24 hours                    | 24 hours                     | 100 hours                    |
| Resolution             | 1 sec                        | 0.01/1 sec <sup>†</sup>     | 0.01/1 sec                   | 1 sec                        |
| Accuracy               | ±1.5 sec/day                 | ±5 sec/day                  | ±2.6 sec/day                 | ±0.5 sec/day                 |
| Count direction        | Down                         | Up                          | Up/down                      | Up/down                      |
| Display                | LCD, 5/8"H                   | LCD, 9/16"H                 | Dual LCD, 1"H                | LCD, 3/4"H                   |
| Alarm                  | 30 sec                       | 1 min beep                  | 1 min beep                   | 1 min beep                   |
| Battery included       | One 1.5 V button cell        | One 1.5 V button cell       | One AAA battery              | One 1.5 V button cell        |
| Dimensions (W x H x D) | 3 1/2" x 1 1/8" x 1/2"       | 2" x 2 1/8" x 5/8"          | 3 3/4" x 5 1/2" x 1 1/2"     | 2 1/2" x 2 1/8" x 1/2"       |
| Includes               | NIST-traceable certificate   | 46"L lanyard                | Wall-mounting bracket        | Magnetic clip, stand         |

\*Discounts: Save 10% on 5 to 9 timers, and 20% on 10 or more timers.

<sup>†</sup>Resolution is 0.01 second for the first 30 min of timing and 1 second thereafter.

## Controllers

| Description            | Countdown controller                         | Lab controller                               |
|------------------------|--|--|
| <b>Catalog number</b>  | <a href="#">ML-94400-72</a>                  | <a href="#">ML-94400-80</a>                  |
| Accuracy               | ±0.01 sec/day                                | ±0.01 sec/day                                |
| Number of programs     | 14 "on/off" per day, 196 "on/off" per week   | 224 "on/off" per day, 1568 "on/off" per day  |
| Timing capacity        | 23 hours, 59 minutes, 59 seconds to 1 minute | 1 second to 168 hours                        |
| Control capabilities   | 125 VAC, 15 A, 1875 W                        | 125 VAC, 15 A, 1875 W                        |
| Display                | 6-digit LED, 1/2" H                          | 6-digit LED, 1/2" H                          |
| Power                  | 125 VAC, 50/60 Hz                            | 125 VAC, 50/60 Hz                            |
| Dimensions (W x H x D) | 4 3/8" x 2 1/8" x 1 3/4"                     | 6 1/2" x 4 3/4" x 3 1/2"                     |
| Includes               | NIST-traceable certificate, ABS plastic case | NIST-traceable certificate, ABS plastic case |