

Timers

Digital Stopwatches

Time the length of any event or activity

A. Oakton® Economical Stopwatch

- Separate start/stop and reset buttons
- Alarm clock shows time of day and day of week
- Split-mode timing to freeze the split-time display while total timing continues
- Water-, dust-, and shock-resistant

What's included: neck cord and 1.5 V button cell battery.

B. Cole-Parmer® Stopwatch

- Time single and split events
- Alarm clock displays time of day and day of week
- Dust- and shock-resistant

What's included: neck cord and 1.5 V button cell battery.

C. Digi-Sense™ ½"-Big-Digit Stopwatch

- Displays time-of-day, date, and day of week
- Keep track of time with time of day alarm
- Water-, dust-, and shock-resistant
- Includes clip and hook and loop strip for easy attaching

What's included: neck cord, 1.5 V button cell battery, and NIST-traceable calibration report supplied by the manufacturer.

D. Oakton NIST-Traceable Stopwatch

- Count on accurate timing—NIST-traceable
- View split-time while total timing continues
- Alarm clock shows time of day and day of week
- Water-, dust-, and shock-resistant

What's included: neck cord, 1.5 V button cell battery, and NIST-traceable calibration report supplied by the manufacturer.

E. Water-Resistant Stopwatch

- Get excellent water resistance and easy readability
- Count up to 24 hours with 1/100th second resolution up to 40 minutes; 1 second after that
- Lap function, alarm, clock, and calendar

What's included: neck cord and button cell battery.

F. Cole-Parmer Waterproof/ Shockproof Stopwatch

- Get waterproof operation to three atmospheres
- Shock-proof case is ideal for lab or plant use
- Displays time of day, date, and day of week
- Time-of-day alarm

What's included: neck cord, button cell battery, and NIST-traceable calibration report supplied by the manufacturer.

G. Heavy-Duty Stopwatch/Timer

- Slip-, shock-, and water-resistant
- Includes electroluminescent display, time and date, and built-in tally counter up to 3999

What's included: neck cord and button cell battery.

H. Stopwatch/Timer

- Get more accuracy – three-mode countdown accurate to 1/100th of a second for 19 hours
- Recall up to 500 records of split and lap times
- Clock function and programmable alarm with daily alarm and calendar

What's included: neck cord and button cell battery.



A, D

B



C

E



F

G



H

Key	A	B	C	D	E	F	G	H
Timing modes	Single-event, lap, cumulative split	Single-event, lap, cumulative split	Single-event, pause, cumulative split	Single-event, lap, cumulative split	Single-event, lap, cumulative split	Single-event, lap, cumulative split	Single-event, lap, cumulative split	Single-event, lap, cumulative split
Timing capacity	24 hours	24 hours	24 hours	24 hours	24 hours	24 hours	40 hours	20 hours
Resolution	0.01/1 sec [†]	0.01/1 sec [†]	0.01/1 sec [†]	0.01/1 sec [†]	0.01/1 sec [‡]	0.01/1 sec [†]	0.01/1 sec ^{††}	0.01/1 sec [†]
Accuracy	±5 sec/day	±5 sec/day	±0.001%	±5 sec/day	±3 sec/day	±0.01	±1 sec/day	±5 sec/day
Count direction	Up	Up	Up	Up	Up	Up	Up	Up/down
Display	LCD, ¾"H	LCD, ½"H	LCD, ¾"H	LCD, ¾"H	LCD, ¾"H	LCD, ¼"H	LCD, ¾"H	LCD, ¾"H
Clock alarm	1 min beep	1 min beep	1 min beep	1 min beep	1 min beep	1 min beep	None	Yes
Battery included	1.5 V button cell	1.5 V button cell	1.5 V button cell	1.5 V button cell	3 V button cell	3 V button cell	3 V button cell	3 V button cell
Catalog number	GY-35002-11	GY-35002-15	GY-94460-28	GY-35002-13	GY-94461-80	GY-94460-55	GY-94410-81	GY-26845-35
Price								

[†]Resolution is 0.01 second for the first 30 minutes of timing and 1 second thereafter. ^{††}Resolution is 0.01 second for the first 40 minutes of timing and 1 second thereafter. [‡]Resolution is 0.01 second for the first 19 minutes of timing and 1 second thereafter.

Mechanical Stopwatches

Built to endure

- Feature shock absorbers on the balance wheel, temperature-compensated hairspring, and unbreakable mainsprings
- Large face with easy-to-read numbers
- Include locked returns to prevent accidental reset to zero

A. One-Button Stopwatches

Watches feature fifteen jewel movement and a single button that starts, stops, and resets the watch. Shatterproof Plexiglas® lens offers greater scratch and chemical resistance.

B. Glow-in-the-Dark Stopwatch

This glow-in-the-dark stopwatch has a dial that illuminates during darkness for 3 to 4 hours. Fibershell case is effective in resisting corrosion and erosion caused by acids.



A

08758-02

B

08758-06

(shown glowing in the dark)

Key	A	A	B
NIST-traceable	No	Yes†	Yes†
Timing mode		Single-event	
Timing capacity		30 min	
Resolution		1/5 sec	
Sweep		60 sec	
Movement		Lever	
Lens material		Shatterproof Plexiglas®	
Case		Nickel	Fibershell
Dimensions (W x D)		1 3/4" x 3 1/2" (4.4 x 8.9 cm)	2 1/4" x 3/4" (5.7 x 1.9 cm)
Catalog number	GY-08758-02	GY-08758-04	GY-08758-06
Price			

†NIST-traceable calibration report supplied by the manufacturer.

INNOCAL
INNOVATIVE CALIBRATION SOLUTIONS

Calibrate to ensure accuracy

[GY-17060-00](#) NIST-traceable calibration with data for timers

Triple-Event Lab Timer

Keep accurate time of three events simultaneously

- Versatility makes it ideal for quality control and experimental operations
- Each timing channel has a distinct alarm and display indicator
- Alarm can be shut off manually, or shuts off automatically after one minute



What's included: two AAA batteries and NIST-traceable calibration report supplied by the manufacturer.

Specifications

- Accuracy:** ±0.001%
- Display:** LCD, 1 1/4"H
- Clock:** yes
- Alarm:** shuts off automatically after sounding for one minute; or manual shut off
- Power:** two AA batteries (included)



Timing capacity	Resolution	Number of channels		Catalog number	Price
		Count up	Countdown		
9 hrs, 59 min, 59 sec for each channel	1 sec	3	3	GY-94460-60	

Analog Interval Timer/Controllers

No programming necessary

- Set time simply by turning the hands
- Measure elapsed time, or use as a stopclock
- Two grounded outlets provide automatic switching of external appliances
- One outlet switches off at zero; set the other to switch either on or off at zero
- Switch-operated buzzer alarm with volume control



What's included: 5-ft (1.5-m) cord; 115 VAC models have a 3-prong plug.



Specifications

- Timing mode:** single event
- Accuracy:** ±0.015% of max setting
- Count direction:** down
- Display:** 6 1/2" (16.5 cm) dial
- Alarm:** continuous buzzer
- Control capabilities:** two receptacles, 750 watts total

Timing capacity	Resolution	115 VAC, 60 Hz		230 VAC, 50 Hz	
		Cat. no.	Price	Cat. no.	Price
15 min	1/4 sec	GY-08625-00		—	
15 hr	15 sec	GY-08635-00		—	
60 min	1 sec	GY-08620-00		GY-08620-02	
60 hr	1 min	GY-08630-00		—	

Cole-Parmer® General-Purpose Timers Track time, maintain accuracy, and save money



A



B



C



D



E



F

A. Four-Channel Large-Display Clock/Timer

- Easy monitoring of four experiments simultaneously
- Channels feature distinct alarms that sound for one minute
- Set up to 100 hours in count up or countdown modes
- Time of day in 12- or 24-hour format

What's included: magnetic clip, stand, and button cell battery.

B. 100-Hour, Triple-Display Clock/Timer

- Know which channel is done with unique tones
- Use as digital clock, timer, or stopwatch
- Easily recall previous time set via memory
- Alarm condition indicated by flashing LCD

What's included: one AAA battery and NIST-traceable calibration report supplied by the manufacturer.

C. Jumbo Digit Dual-Channel Clock/Timer

- See time easily—tilts for better viewing
- Use both channels for simultaneous countdown, or time of day with count up timer
- Choose 12- or 14-hour display format
- Alarm sounds at end of cycle and shows elapsed time

What's included: wall-mounting bracket and one AAA battery.

D. Flashing LED Big-Digit Timer

- Never wonder about remaining time again
- Easily view 1"H display across the room
- LED flashes green for last 10 seconds of timer, flashes red when alarm sounds
- Don't annoy others—adjust alarm volume to high, low, or off
- Store three countdown times for easy recall

What's included: magnetic back, flip-open easel stand, spring fastener for clipping, an opening for a lanyard, two AAA batteries, and NIST-traceable calibration report supplied by the manufacturer.

E. Triple-Display Clock/Timer

- Get timing faster—recall all channels' settings instantly
- Use as a countdown timer, count up stopwatch, or clock
- Count up to 24 hours, count down to 20 hours
- Displays time elapsed since alarm

What's included: magnetic clip and one AAA battery.

F. Dual-Channel Flashing LED Big-Digit Timer

- Flashing red LED when time is up
- View two timers, each with a distinctive alarm
- Alerts to end time with flashing green LED for the last ten seconds
- Adjust the alarm to the right volume—high, low, and off
- Store three countdown times in memory for easy recall

What's included: two AAA batteries and NIST-traceable calibration report supplied by the manufacturer.



Key	A	B	C	D	E	F
Number of channels	Four	Three	Two	One	Three	Two
Timing capacity	100 hours	100 hours	24 hours	100 min	24 hr up/20 hr down	100 hours
Resolution	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec
Accuracy	±0.01%	±0.001%	±0.01%	±0.01%	±0.01%	±0.01%
Count direction	Up/down	Up/down	Up/down	Down	Up/down	Up/down
Display	LCD, 3/4"H	LCD, 3/8"H	Dual LCD, 1"H	LCD, 1"H	Triple LCD, 7/16"H	LCD, 5/8"H
Clock	Yes	Yes	Yes	No	Yes	No
Alarm	1 min beep	1 min beep and visual	1 min beep	1 min beep and visual	1 min beep	1 min beep and visual
Battery included	One 1.5 V button cell	One AAA battery	One AAA battery	Two AAA battery	One AAA battery	Two AAA battery
Catalog number (timer)	GY-08649-10	GY-94411-10	GY-94440-10	GY-94461-15	GY-94440-00	GY-94461-16
Price/ea						
Catalog number (battery)	GY-09377-16	GY-09376-00	GY-09376-00	GY-09376-00	GY-09376-00	GY-09376-00
Price/pk						

G. Clock/Timer

- Display time-of-day, time elapsed, and time remaining
- Know how much time has passed—alarm sounds for one minute at the completion of countdown cycle and displays elapsed countdown

What's included: back magnetic clip, built-in stand, one 1.5 V button cell battery, and NIST-traceable calibration report supplied by the manufacturer.

H. NIST-Traceable Timer

- Program to count up or down to 100 hours
- Know how much time has passed—alarm sounds for one minute at the completion of countdown cycle and displays elapsed countdown
- Easily recall last setting for easy repeat
- Use as an alarm clock as well

What's included: built-in stand, pocket clip, magnet, one 1.5 V button cell battery, and NIST-traceable calibration report supplied by the manufacturer.

I. Jumbo Display Push-Button Clock/Timer

- Set time easier with numbered push buttons
- Large, easy to read 7/8" display
- Use as a clock, 10-hour countdown timer, or 24-hour count up stopwatch
- Be alerted even in noisy environments—loud, 70 dB beep and visual "time's up" flashing
- View at more angles with 45° angle tilting

What's included: a magnet and one AAA battery.

J. Push-Button Timer

- Position as you need it
- Timer counts up to 60 minutes and down from 100 minutes
- Stand upright, attach to yourself with spring-clip, or attach magnetically to most metal surfaces

What's included: magnetic clip, and one 1.5 V button cell battery.

K. Clip-On Timer

- Clip to lab coat or clipboard
- Count down in hours or minutes or use as a stopwatch
- Handy reminder for meetings or tasks
- Timeout function in both up and down counting

What's included: magnet, one 1.5 V button cell battery, and NIST-traceable calibration report supplied by the manufacturer.

L. Slimline Timer

- Save time with last setting recall
- Easy-to-use, large controls
- Count down from 100 minutes in one-second intervals
- 30-second alarm sounds when time has elapsed
- Attach to metal with included metal back

What's included: one 1.5 V button cell battery and NIST-traceable calibration report supplied by the manufacturer.



G



H



I



J



K



L



Key	G	H	I	J	K	L
Number of channels	One	One	One	One	One	One
Timing capacity	24 hours	100 hours	24 hrs up/10 hrs down	60 min up/100 min down	100 hours	100 minutes
Resolution	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec
Accuracy	±0.01%	±0.01%	±1.7 sec/day	±0.01%	±0.005%	±0.01%
Count direction	Up/down	Up/down	Up/down	Up/down	Up/down	Down
Display	LCD, 3/8"H	LCD, 5/16"H	LCD, 7/8"H	LCD, 3/8"H	LCD, 1/8"H	LCD, 5/16"H
Clock	Yes	Yes	Yes	No	No	No
Alarm	1 min beep	1 min beep or visual	1 min beep	1 min beep	1 min beep	30 sec beep
Battery included	One 1.5 V button cell	One 1.5 V button cell	One AAA battery	One 1.5 V button cell	One 1.5 V button cell	One 1.5 V button cell
Catalog number (timer)	GY-08610-10	GY-94460-04	GY-94416-20	GY-08642-42	GY-08610-32	GY-94460-00
Price/ea						
Catalog number (battery)	GY-09377-16	GY-09377-16	GY-09376-00	GY-09377-16	GY-09376-22	GY-09376-16
Price/pk						

Timers

General-Purpose Timers

A. Digi-Sense™ Giant-Digit Countdown Timer

- 1 $\frac{3}{8}$ "H LCD for easy viewing from across the room
- Automatic Bounceback™ memory easily recalls repetitive timing operation
- Displays time elapsed since alarm

What's included: built-in stand, magnet, one AAA battery, and NIST-traceable calibration report supplied by the manufacturer.



A

B. Cole-Parmer® Push-Button Clock/Timer

- Quickly set time with numbered push buttons
- Use as a clock, 10-hour countdown timer, or 24-hour count up stopwatch
- Hear it even in noisy environments—loud, 70 dB beep and visual “time’s up” flashing

What's included: a built-in clip, magnet, stand for upright display, and one 1.5 V button cell battery.



B

C. Cole-Parmer® Three-Channel Timer

- Set channels in any combination of up/down timing
- Start all three channels at once or individually
- Distinct audible alarm sounds and “TIME’S UP” flashes on the display when set time is reached
- Recall settings with memory function

What's included: built-in stand, pocket clip, magnet, one 1.5 V button cell battery, and NIST-traceable calibration report supplied by the manufacturer.



C

D. Cole-Parmer® Compact Two-Channel Timer

- Independent count-up or countdown modes
- Distinctive alarm sound for each channel
- Return to original time with memory function

What's included: built-in stand, pocket clip, magnet, one 1.5 V button cell battery, and NIST-traceable calibration report supplied by the manufacturer.



D

E. Digital Flashing/Vibrating Timer

- Be alerted three ways
- Alarm features flashing red light, vibrating alarm, and audible beep
- Switch between hour/min and min/sec, and recall with automatic memory
- Wear on belt clip for additional convenience

What's included: built-in spring clip stand, magnet, and two AAA batteries.



E

F. Cole-Parmer® Timer with Visual/Audible Alarm

- Select flashing LED or audible alarm
- Recall last programmed time for repeating tests
- Position where you need it—includes built-in stand and magnetic back

What's included: two AAA batteries and NIST-traceable calibration report supplied by the manufacturer.



F

Key	A	B	C	D	E	F
Number of channels	One	One	Three	Two	One	One
Timing capacity	100 minutes	24 hrs up/10 hrs down	100 hours	24 hours	9 hours 59 minutes	9999 minutes
Resolution	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec
Accuracy	±0.01%	±0.01%	±0.01%	±0.01%	±3 sec/day	±0.01%
Count direction	Up/down	Up/down	Up/down	Up/down	Up/down	Up/down
Display	LCD, 1 $\frac{3}{8}$ "H	LCD, $\frac{1}{2}$ "H	LCD, $\frac{1}{2}$ "H	LCD, $\frac{3}{8}$ "H	LCD, 1 $\frac{1}{8}$ "H	LCD, $\frac{3}{8}$ "H
Clock	No	Yes	Yes	Yes	Yes	No
Alarm	1 min beep	1 min beep	1 min beep	1 min beep	1 min	Flashing LED or one min beep
Battery included	One AAA battery	One 1.5 V button cell	One 1.5 V button cell	One 1.5 V button cell	Two AAA batteries	One 1.5 V button cell
Catalog number (timer)	GY-94461-01	GY-94416-00	GY-94461-23	GY-94461-31	GY-94411-16	GY-94411-01
Price/ea						
Catalog number (battery)	GY-09376-00	GY-09376-14	GY-09376-00	GY-09376-14	GY-09376-00	GY-09376-00
Price/pk						

Timer/Intervalometer

Program two memories independently

- Convenient parallel AC and logic level outputs
- Use one memory for a single-cycle switching timer, or both in tandem for a recycling intervalometer
- Program one memory to control “on-time”, the other to control “off-time”

Time settings entered in memory will remain until another time is substituted—even if the unit loses power. Set time cycle or interval pattern to repeat automatically—no need to manually reset. Parallel AC and logic-level outputs let you integrate the timer into your application system.

Optional foot switch operates as an extension of the start/reset bar.



Control capabilities	Number of circuits	Timing capacity	Resolution	Accuracy	Power	Catalog number	Price
1200 W resistive; most inductive loads; 1/3 hp max motor load	One	1 to 99 min; 0.1 to 9.9 sec (switchable)	1 min; 1 sec; or 0.1 sec (depending on range)	±0.015% at 10 seconds (at 20°C with no load)	115 VAC, 60 Hz	GY-08683-90	



GY-08683-13 Optional foot switch; includes 8-ft (2.4-m) cord with plug

Cole-Parmer® Wall-Mount Digital Clock/Calendar/Thermometer

Large, easy-to-read digits

- Quartz-crystal timing accuracy of ±0.01%
- Shows month, date, day of the week, and automatically adjusts for leap year
- Two-tone housing with built-in wall mount bracket



What's included: two AAA batteries and NIST-traceable calibration report supplied by the manufacturer.



Temperature range	Power	Catalog number	Price
23 to 122°F (–5 to 50°C)	Two AAA batteries (included)	GY-08610-26	

GY-09376-00 Replacement batteries; AAA. Pack of 12

Large Dial Timers

Maintain precise interval timing

- Hear the alarm with an 85 dB continuous buzzer
- Large 6½" dial is easy to read
- Move the hand in either direction to set



What's included: a 5-ft (1.5-m) power cord with three-prong plug.



Specifications

Timing mode: single event	Alarm: continuous buzzer, 85 dB
Count direction: down	Power: 115 VAC, 60 Hz

Timing capacity	Resolution	Catalog number	Price
15 min	0.25 min	GY-08648-12	
60 min	1 min	GY-08648-02	

Cole-Parmer® Radio-Controlled Wall Clocks

Be accurate to 1/10,000 of a second

- Automatically adjusts for daylight savings time

Controlling radio signal from NIST in Boulder, Colorado automatically adjusts clock to precise time, daylight savings, leap year, and leap seconds. Clocks are accurate to 1/10,000 of a second.

Analog Radio-Controlled Wall Clock features a 12" diameter face and sweeping second hand to assure high visibility in any lab setting. **Digital Radio-Controlled Wall Clock's** large 4"H x 7"W display shows time, date, day of week and temperature from across the room.

What's included: Analog clock—one AA battery and wall-mount screw. Digital clock—two AA batteries and wall-mount screw.



Analog clock



Digital clock



Description	Display	Batteries	Dimensions	Catalog number	Price
Radio controlled clock, analog	Clock hands	One AA (included)	11¼"D x 12" dia (3.2 x 30.5 cm)	GY-94460-20	
Radio controlled clock, digital	3½"-high LCD	Two AA (included)	8¾"W x 9¼"H x ¾"D (22.2 x 23.5 x 1.9 cm)	GY-94460-25	

GY-09376-01 Replacement batteries; 1.5 V, AA. Pack of 4

Timers

Time-Controlled Outlet Strips Timer/controller and eight electrical outlets in one unit

- Strips have four timer-controlled outlets and four manually-controlled outlets
- Timer-controlled outlets are switched on and off by the integral clock
- Feature a rugged plastic housing, built-in circuit breaker, and 4-ft (1.2-m) cord with grounded plug



Mechanically Controlled Outlet Strip features a 24-hour electromechanical time switch with integral trippers for setting up to 96 on/off events per day.

Electronically-Controlled Outlet Strip features an electronic 24-hour/7-day time control with up to 12 on/off programs per day, manual override, and NiCd battery backup.

Description	Mechanically-controlled	Electronically-controlled
Catalog number	GY-94450-00	GY-94450-10
No. of programs	96 on/off events per day	12 on/off events per day
No. of circuits	Eight; four manual, four timer-controlled	
Control capabilities	120 VAC, 15 A resistive	
Timing capacity	24 hours	24 hours/7 days
Resolution	15 minutes	1 minute
Display	2" dial	Four-digit LCD, 3/8"H
Power	120 VAC/60 Hz	
Price		

Cole-Parmer® Count-Up Controllers

Walk away from equipment with automatic operation

- Program settings in less than 5 seconds
- Use for timed shutdown or repeated on/off timing during any test
- Manual pause switch overrides the program without disturbing it
- Supplied internal NiCd battery maintains programs in the event of a power outage
- Three-pronged grounded receptacle relay for apparatus to 120 VAC, 115 amps, 1800 watts, and 1/3 horsepower



Model 94400-62 counts up and turns any piece of equipment off at the end of a set time period. Programmable in three interval settings: 0.01 second to 99.99 seconds, 1 minute to 99 minutes, and 1 hour to 99 hours. **Model 94400-64** turn-on/turn-off controller counts up and turns any piece of equipment on for a programmed time and off for a different programmed time. Repeat feature automatically continues cycling on and off programmed times until manually stopped. Programmable for separate on and off timing periods in three interval settings: 1 second to 99 seconds; 1 minute to 99 minutes, and 1 hour to 99 hours.

What's included: 5-ft (1.5-m) power cord and NIST-traceable calibration report supplied by the manufacturer.

Timing capacity	0.01 second to 99 hours	1 second to 99 hours
Catalog number	GY-94400-62	GY-94400-64
Control capabilities	120 VAC, 15 A resistive, 1800 watts	
Accuracy	±0.01%	
Display	Backlit LCD, 1/2"H	
Power	120 VAC/60 Hz	
Price		

Four-Circuit Programmable Timer/Controllers Automatically control multiple items

- Four circuits and up to 20 "on/off" events
- Controls without the clutter of numerous mechanical timers
- Program each cycle length from two seconds to one year

Deluxe models feature eight external inputs in addition to the four circuits. Use external inputs to signal the timer to start or stop a specific program.

Models are available with either four AC outlets (rated for 15 A total) or dry contacts for wiring to your electrical appliances. For increased power capabilities, order models with dry contacts (20 A rating per circuit, SPST).

In the event of a power failure, battery backup protects your critical operations and maintains the system memory up to 14 days. Order batteries separately below.

What's included: a 5-ft (1.5-m) cord with US grounded plug.



Timer/controller 94400-00 features four independent AC outlets.

Control capabilities	Number of circuits	Timing capacity	Resolution	Accuracy	Power (VAC, Hz)	Standard models		Deluxe models	
						Catalog number	Price	Catalog number	Price
Four outlets, 15 A total	Four (independent)	2 second to 1 year	1 second	±16 msec	120, 60	GY-94400-00		GY-94401-00	
					240, 50	GY-94400-05		GY-94401-05	
120, 60					GY-94400-10		GY-94401-10		
240, 50					GY-94400-15		GY-94401-15		

GY-09376-04 Batteries for battery backup, 9 V. Pack of 4