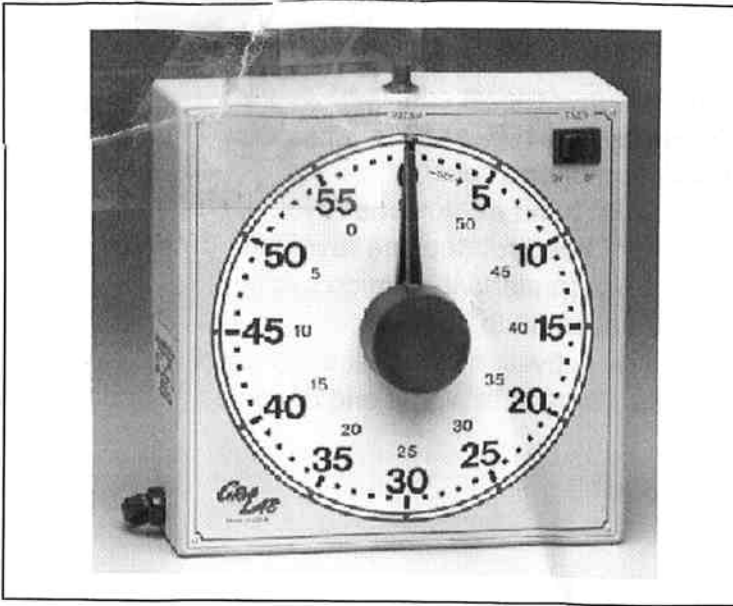


GRALAB Model 165A Dual Sports Timer



- Elapsed time indicator (up counter)
- Interval timer (down counter)
- Accuracy is .015% at 60 minutes with a resolution of one second
- “Seconds” hand rotates one revolution/60 sec
- “Minutes” hand rotates one revolution/60 min
- Power switch starts the timing cycle
- Two function 80db buzzer
 - manual activation to signal event start
 - auto activation to signal end of cycle

Example 1: Interval Timer/Audio tone after 53 minutes 21 seconds.

1. Set power switch “off”.
2. Rotate “seconds” hand clockwise to the first mark past the black “20” numeral.
3. Rotate “minutes” hand clockwise to the third mark past the black 50 numeral.
4. Set the buzzer control switch “on” to warn the start of the event.
5. Put power switch in the “on” position to start the timing cycle.
6. Result: After 53 minutes 21 seconds the buzzer will signal the end of the timing event. Turn “off” the timer with the power switch; reset a new timing cycle.

Example 2: Elapsed Timer Indicator/Time Unknown.

1. Set power switch “off”.
 2. Rotate “seconds” hand clockwise to the red “0” numeral.
 3. Rotate “minutes” hand clockwise to the red “0” numeral.
 4. Record an unknown timing event by putting the power switch in the “on” position at the beginning of the event.
 5. Result: The timer records the elapsed time until the power switch is put in the “off” position.
- Note: Red numerals count up; black numerals count down.

PRECAUTIONS

- **Always set the “seconds” hands by rotating clockwise.**
- **To prevent fire or electrical shock, do not expose to rain or moisture.**
- **No user serviceable parts inside -- do not open.**
- **Refer servicing to qualified personnel.**
- **Observe AC line voltage, frequency and load ratings on nameplate.**