OPERATION MANUAL

LCD Display/Indicator

- Low Battery Indicator
- RPM: Rotations per minute
- M/Min: Meter per minute
- Ft/Min: Feet per minute
- Yd/Min: Yard per minute
- HOLD: Reading hold

RPM: Rotations per minute
M/Min: Meter per minute
Ft/Min: Feet per minute
Yd/Min: Yard per minute
HOLD: Reading hold

FRONT PANEL DESCRIPTION

1. Cone (convex) Adapter
2. Funnel (Concave) Adapter
3. Wheel for linear surface
4. Contact Adapter
5. Unit select key
6. Power on/off & Hold key
7. Battery Cover (rear)
8. Power on/off
9. Front Panel & LCD display

Display LCD display
Time base 4.0MHz Quartz Crystal
Sampling Time 1 sec (>60rpm) >1 sec. (10-60rpm)
Accuracy 0.04% ±2 digits
Operating Temperature 32 to 122°F (0 to 50°C)
Operating Humidity Max. 85% RH
Power Supply 9V battery
Power Current Approx. 12mA DC
Power Consumption 2μA (idle)
11mA (Measurement)

METER PER SECOND (M/SEC)
= Ft./Min x 0.00508
= M/Min / 60
= Yd/Min x 0.01524

MEASURE OPERATION

A. Power ON/OFF
Power on the Tachometer by pressing the Triangle button (POWER, HOLD) key is pressed. Full display appears in half second, then turn to a normal mode. Power off the meter by pressing and hold (POWER, HOLD) key for 3 seconds.

The meter has an unique design with two power keys, one at the middle of top view, another key is smaller at the bottom of the meter for easy power on or off when measuring an object at a downview location. (See point 8 from Front panel description).

B. Data HOLD
This meter automatically holds the last reading on the LCD after the POWER/HOLD key is released. No extra key presses are necessary to freeze the displayed reading.

DISABLE SLEEP MODE
To disable Sleep mode, make sure the meter is off. Press and hold the UNIT key and the POWER, HOLD key simultaneously, then release POWER, HOLD key. First, you will see an “n” display at the middle of the screen. This means the sleep mode has been disabled. When you release the UNIT key, 00000 and RPM are shown for ready to the next measurement.

CONTACT MEASUREMENTS:
Select the tip (Convex) and install it on the shaft of the adapter. See Diagram. Engage the tip with the end of the rotate. Contact RPM - Used to measure the speed of rotating Conveyors, Pumps, Motors, Gears, Pulleys, Shafts, Flywheels and Elevators...
Install Convex adaptor or Concave tip on the shaft of the adaptor. The Tachometer for measuring speeds of rotating objects in RPM, M/Min, Ft/Min, Td/Min for different purposes. Press UNIT key once from preset RPM (right corner indicator) to left bottom corner M/Min, press UNIT key again, Ft/Min appears in the middle.

Press the UNIT key once more, Yd/Min appears at the right corner, press again to RPM unit. See the following diagram from RPM unit to Yd/Min:

**MAINTENANCE**
**Case Cleaning**
Use caution with a damp cloth to clean the exterior housing, ensure no water or soap is allowed inside the meter, or on the lens.

**BATTERY REPLACEMENT**
A battery icon appears is the indication that the battery voltage has fallen into the critical region (6.5 to 7.5V).
Open the Battery Compartment and remove the battery, then install a new battery and replace the cover.

**CAUTION**
Injury or damage may occur if the specified ranges of the linear or contact adaptor are exceeded!

---

**WARRANTY, SERVICE, OR RECALIBRATION**
For warranty, service, or recalibration, contact:

**CONTROL COMPANY**
4455 Rex Road
Friendswood, Texas 77546 USA
Ph. 281 482-1714
Fax 281 482-9448
E-mail sales@control3.com
www.control3.com

Control Company is ISO 9001 Quality-Certified by DNV and ISO 17025 accredited as a Calibration Laboratory by A2LA.

Traceable® is a registered trademark of Control Company.