

AMETEK®

1726 Digital Tachometer

Optical Measurements

Apply a 1/16" strip of reflective tape to the rotating object. Press the red button and aim the light beam at the object so the tape crosses the beam once every revolution.

Contact Measurements

Insert the tachometer into the Contact Adapter. Select the tip (concave or convex) and affix to the adapter shaft. Engage the tip with the end of the shaft to be measured so they both rotate in unison. Press the red button to read the speed.

Linear Measurements

Insert the tachometer into the Contact Adapter. Attache the 10cm or 1 ft wheel to its shaft. Position the instrument over the moving surface making sure the wheel maintains good contact. Press the red button to read the speed.

Memory

Press the Memory button to recall the last reading. Press and Release the button to cycle the display through maximum (MX), minimum (MN) and average (AV) speeds of the last measurement.

Display Adjustment

Remove the battery cover, position the instrument at the desired viewing angle and press the red button. Adjust contrast by turning the small knob in the battery compartment.

Low Battery Indicator

A flashing MSD indicates to replace the battery. Use a standard NEDA Type 1604 9Vdc alkaline battery.

Precautions

Injury or damage may occur if the specified ranges of the linear or contact adapter are exceeded.

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Units Selection

Press the MODE button and hold until the desired unit of measure is displayed. While pressing the MODE button, press the MEMORY button to toggle between 10cm and 1 ft linear wheels.

Optical Measurements

REV/SEC	.1000RS - 1666.0RS
REV/MIN	6.0000RM - 99999.RM
REV/HR	360.00RH - 99999.RH

Contact Measurements

REV/SEC	.1000RS - 333.00RS
REV/MIN	6.0000RM - 20000.RM
REV/HR	360.00RH - 99999.RH

Linear Measurements (10 cm)

YDS/SEC	.0110YS - 18.300YS
YDS/MIN	.6600YM - 1100.0YM
YDS/HR	40.000YH - 66000.YH
FT/SEC	.0330FS - 55.000FS
FT/MIN	2.0000FM - 3300.0FM
FT/HR	120.00FH - 99999.FH
IN/SEC	.4000IS - 660.00IS
IN/MIN	24.000IM - 39500.IM
IN/HR	1420.0IH - 99999.IH
CM/SEC	1.0000CS - 1665.0CS
mtrs/MIN	.6000mM - 1000.0mM
mtrs/HR	36.000mH - 60000.mH
MILES/HR	.0250MH - 37.500MH

Linear Measurements (1 ft)

YDS/SEC	.0330YS - 11.000YS
YDS/MIN	2.0000YM - 666.00YM
YDS/HR	120.00YH - 40000.YH
FT/SEC	.1000FS - 33.000FS
FT/MIN	6.0000FM - 2000.0FM
FT/HR	360.00FH - 99999.FH
IN/SEC	1.2000IS - 396.00IS
IN/MIN	72.000IM - 24000.IM
IN/HR	4320.0IH - 99999.IH
CM/SEC	3.0480CS - 1000.0CS
mtrs/MIN	1.8300mM - 600.00mM
mtrs/HR	110.000mH - 36000.mH
MILES/HR	.0680MH - 22.700MH

