

PRECISION QUALITY CONTROL INSTRUMENTS SINCE 1958

CHECKLINE®
MADE TO MEASURE

Features

- Includes Traceable Calibration Certificate
- For use on Welding Wire Diameter up to 0.120" (3mm)
- Wire Speed can be measured in feet/min, meters/min or in/min (user selectable)
- Total Length can be measured in feet, meters, inches
- Spring-loaded head and ball-bearing mounted contact roller eliminates slip and ensures accuracy
- Molded Rubber Shell Provides Additional Physical & Environmental Protection
- Designed and fabricated in Germany

CDT-2000HD-TW Welding Wire Speed Meter

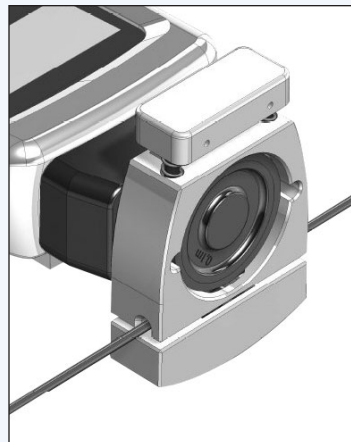
For use with welding wire diameters of 0.032" to 0.120" (0.8 to 3.0mm)

The Check-Line® CDT-2000HD-TW accurately measures the linear feed speed of welding wire in feet, inches or meters per minute. A precision measuring head secures the wire and maintains contact against the measuring wheel for accurate measurements. Based on the award winning CDT-2000HD tachometer, the CDT-2000HD-TW also measures RPM via contact and non-contact methods.



Welding Wire Feed Speed Meter (CDT-ADAP-TW)

Operation is simple and requires no training. The wire is placed between the rollers by pressing the top to release the jaws. As soon as the wire feed is triggered, the speed is measured and recorded on the digital display. The Welding Wire Speed Meter features an all-metal construction designed for trouble-free use even in the toughest production environments.



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Checkline • 600 Oakland Ave, Cedarhurst NY 11516 - USA
www.Checkline.com • info@checkline.com • 516-295-4300



Specifications

Speed Range	0.30 - 6,500 feet/min 0.10 - 1,999 meters/min 4.0 - 78,000 inches/min
Resolution	.01 from 0 - 100 .1 from 100 - 1,000 1 from 1000 - 99,999

Measuring Ranges

Accuracy	± 0.02% of reading or 1 digit
Display	5 - Digit LCD, 10mm high
Decimal Point	Automatic
Memory System	Maximum, minimum, and last reading (retained in memory for the life of the batteries)
Measurement System	Non-Contact: Visible LED light beam
Contact	Contact adapter
Engineering Units	RPM: RPM
Surface Speed	Ft/min, inch/min & meters/min
Length	Feet, inches, meters
Sensing Distance	Up to 24 inches (60 cm)
Display Update Time	0.5 seconds or one measuring
Auto Power Off	After 30 seconds of non-use (minimum, maximum and last reading retained in memory)
Battery Life	40 hours continuous use
Battery	2 AA (1.5 V) or rechargeable
Weight	6 ounces (170 grams)
Housing Material	ABS Plastic housing with removable protective rubber shell
Housing Rating	IP40

Supplied as a Complete Kit

Kit includes the CDT-2000HS-TW Tachometer, Welding Wire Speed Adapter, Slide-In Tachometer Contact Adapter, 6" & .1m Surface Speed Wheels, Cone Tip, Funnel Tip, Extension Shaft, Reflective Tape, Two AA Batteries (1.5 V), Calibration Certificate and Operating Instruction Manual —all supplied in a foam-fitted, hard-plastic carrying case.



Operating Temperature	32 to 122° F (0 to 50° C)
Storage Temperature	-4 to 150° F (-20 to 70° C)
Accessories included	Contact adapter, cone tip, universal surface speed wheel, reflective tape, operating instructions and foam-fitted, hard plastic carrying case
Optional Accessories	Shaft extension, 3.15 inches (80 mm)
Warranty	5 years
Calibration Certificate	Included

Related Products

CDT-2000HD Combination Portable Tachometer

The CDT-2000HD Combination Portable Tachometer combines the best features of both contact and non-contact models to accurately measure RPM, surface speed and length.

When using the non-contact mode, rotational speed (RPM) is measured using a visible beam of light. The CDT-2000HD can be up to 24 inches away from the small piece of reflective tape that is affixed to the rotating element. In the contact operating mode, the speed is sensed by directly contacting rotating device using one of the contact adapters supplied with the instrument.

