

DT-100A Specifications

Display Range	0.10 - 25,000RPM with floating decimal
Accuracy	±0.06 rpm: 0.10 - 999.9 rpm; ±0.6 rpm: 1,000.0 - 9,999.9 rpm; ±0.006% of reading ±1 digit (±2 rpm max.) 25,000 rpm
Display	DT-105A: 5 digit 0.47" (12 mm) high LCD; DT-107A: 5 digit 0.4" (10 mm) high LED
Measuring Units	Revolution: RPH, RPM; Feet: FPH, FPM; Miles: MPH; Yards: YPH, YPM; Inches: IPM; Meters: mPH, mPM; Length: m, cm, inches, feet, yards; Total Revolutions: REV
Memory System	13 readings are stored in memory and retained for 5 minutes (last, max., min., and 10 extra measurements)
Detection	Optical coupler, 60 pulses/rev.
Update Time	1 second (typical)
Over Range Indicator	Flashing numerals
Power Requirement	2 AA 1.5V batteries (Life: Approx. DT-105A: 65 hrs.; DT-107A: 40 hrs.)
Operating Temperature	32° - 113°F (0° - 45°C)
Construction	Die-cast aluminum housing
Product Weight	0.9 lb (400 g)
Package Weight	Approx. 2 lb (.91 kg)
Approvals	CE
Dimensions	7.2" L x 2.4" W x 1.8"H (182.5 mm x 60 mm x 46 mm)
Warranty	1-Year
Included Accessories	Two AA Batteries, 2 cone adapters, funnel adapter, 3½" extension shaft, carrying case, NIST certificate, master wheel (6" cir.)
Options	-S12 Option: Same as DT-100A except 6" dia. wheel replaced with 12" dia. contact wheel

Ordering Details

DT-105A	LCD Contact Tachometer with included 6" contact wheel. Includes NIST certificate.
DT-105A-S12	LCD Contact Tachometer with included 12" contact wheel. Includes NIST certificate.
DT-107A	LED Contact Tachometer with included 6" contact wheel. Includes NIST certificate.
DT-107A-S12	LED Contact Tachometer with included 12" contact wheel. Includes NIST certificate.

Accessories

CONE	1/2 inch cone adapter
CONE-3/4	3/4 inch cone adapter
CONE-1-1/4	1-1/4 inch cone adapter
DT-CARRY100	Carrying case for handheld tachometers
EXT-SHAFT	3.5 inch extension shaft for handheld tachometers
FPM-12	12 inch circumference measuring wheel
FPM-6	6 inch circumference measuring wheel
FPM-6-GV	6 inch circumference grooved measuring wheel
FUNNEL	1/2 inch funnel adapter
FUNNEL-3/4	3/4 inch funnel adapter
NIST-TACH	NIST traceable certificate with data

Included Accessories



Optional Accessories



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