

CONTACT TACHOMETER

Model : DT-2235B

1. FEATURES

- * Wide measuring range from 5 to 100,000 RPM.
- * 0.1 RPM resolution for the measured value < 1000 RPM.
- * The last value, max., value, min. value will be stored into the memory automatically & can be obtained by pressing Memory Call Button.
- * High visible LCD display gives RPM reading exactly with no guessing or errors & saves battery energy.
- * This tachometer used the exclusive one chip Micro-Computer LSI circuit & crystal time base, offer the high accurate measurement & fast sampling time.
- * The use of durable, long lasting components, including a strong, light weight ABS plastic housing, assures almost maintenance free performance for many years.
- * The housing cabinet has been carefully shaped to fit comfortable in either hand.

2. SPECIFICATIONS

Display	5 digits, 10 mm (0.4") LCD (Liquid Crystal Display), with function annunciation.
Measurement & Range	CONTACT TACH. - 0.5 to 19,999 RPM. SURFACE SPEED (m/min.) : m/min. - 0.05 to 1,999.9 m/min. ft/min. - 0.2 to 6,560 ft/min.
Resolution	RPM: 0.1 RPM (< 1,000 RPM). 1 RPM ($\geq$ 1,000 RPM). m/min. : 0.01m/min (< 100 m/min.) 0.1m/min ($\geq$ 100 m/min.) ft/min. : 0.1 ft/min. (< 1,000 ft/min.) 1 ft/min. ($\geq$ 1,000 ft/min.)
Accuracy (23 $\pm$ 5 $^{\circ}$ C)	$\pm$ (0.05% + 1 digit). * Spec. tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.
Time base	Quartz crystal, 4.194 MHz.
Circuit	Exclusive one-chip of microcomputer LSI circuit.
Operating Temp.	0 - 50 $^{\circ}$ C (32 - 122 $^{\circ}$ F).
Operating Humidity	Less than 80% R.H.
Memory	Last, Maximum, Minimum value.
Battery	4 x 1.5V AA (UM-3) battery.
Power Consumption	Approx. DC 10 mA.
Size	208 x 72 x 37 mm (8.2 x 2.8 x 1.5 inch)
Weight	280g (0.62 LB) /including battery.
Accessories Included	Carrying case..... 1 PC. RPM adapter (Cone)..... 1 PC. RPM adapter (Funnel)..... 1 PC. Surface speed test wheel..... 1 PC. Operation manual..... 1 PC.



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