

Tachometer calibrator

Model : RPMC 1700



Contact



Non contact

Introduction

The RPMC 1700 is high precision Tachometer calibrator, generates true reference rotation per minute (RPM). This calibrator uses "German technology" with high speed motor, high precision encoder and adoption of a new power full 32 bit CPU in control drive, featuring automated gain tuning function, stability, stable stop, rugged in use and many more.

Due to it's light weight and rugged Aluminum enclosure, it is suitable for in-house and on-site calibration of contact / non contact Tachometer, Tacho coil, Tacho generator, RPM indicator, RPM transmitter, Speedo meter, Proximity sensor, etc.,

Features

- 4.3" / 7" TFT Multi colour touch screen display
- User selectable Clock wise / Anti clock wise soft rotation
- Low noise
- Quick settling time
- Better stability
- High resolution
- Ultra-stable motor with High precision encoder and Drive.
- Direct drive shaft (there is no gear)
- Compact in size.
- Two years warranty*

Application

- Calibration labs
- Pharmaceutical industries
- Automobile
- Food & Beverages
- Aeronautical
- Defence
- Shipyard
- Aero space
- Research and development

Specifications

Model	RPMC 1700-2A	RPMC 1700-3A
Display	4.3" multi color touch screen display	7" multi color touch screen display
Contact range	1 to 6000 rpm	1 to 8000 rpm
Non contact range	10 to 90,000 rpm	10 to 1,20,000 rpm
Resolution	0.1 rpm	0.001rpm
Stability	± 0.2 rpm (contact) & ± 2 rpm (non contact)	± 0.1 rpm (contact) & ± 1rpm (non contact)
Accuracy	± 0.5 rpm (contact) & ± 5 rpm (non contact)	± 0.2 rpm (contact) & ± 3 rpm (non contact)
Stability time	within 5 seconds	
Noise level	< 50 dB	
Motor	Ultra stable motor with high resolution encoder and controller	
Weight	13 kg	
Dimension	440(W) x 260 (D) x 203(H) mm	
Supply	230AC, 50/60Hz ±1%	
Warranty	Terms & conditions - contact factory*	

Standard Delivery : Basic instrument, Mains card , Spare fuse , Instruction manual and Calibration certificate.

Optional : Carrying case, Reference instrument with Accredited calibration certificate.

Note Due to continuous product improvements, Published specifications may change with out notice.

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SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

NABL Accredited Calibration Lab (Thermal, Mechanical, Electro-Technical Parameters)

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