HAND TACHOS

JAQUET
TECHNOLOGY GROUP

JAQUET Handheld Tachometer line; contact or optic versions

JAQUET HO 100 Photo Tachometer uses precision optics and reflective tape to measure the RPM of rotating devices such as fans and gears.

JAQUET HM 100 Contact Tachometer uses convex and concave attachments to measure RPM. It also has a built-in wheel to measure the linear surface speed of moving devices such as conveyors and treadmills.

Type number: HO 100 Photo Tachometer   Product number: XXXX - XXXXXX
Type number: HM 100 Contact Tachometer Product number: XXXX - XXXXXX
Type number: HM XXX Combination Set   Product number: XXXX - XXXXXX

General specifications

Display	5-digit LCD Display
Range selection	Automatic range selection
Time Base	4 MHz Quartz Crystal
Sampling Time	1 second (>60 rpm); >1 second (10 to 60 rpm)
Photo Tachometer Distance	2 to 12" (5 to 30cm)
Operating Temperature	32 to 122oF (0 to 50oC)
Operating Humidity	80% RH Max.
Power supply	9V Battery
Battery Life	40 hours (approx.)
Applicable standards	HO 100: EN 50081-1/1992 (EN 55022) / HM 100: EN 50082-1/1997 (EN 55024)
Dimensions	HO 100: 124 x 51 x 33mm / HM 100 150 x 51 x 33mm
Weight	HO 100: 114g / HM 100: 142g

Range specifications

Measurement	Range	Accuracy
Rotation - HO 100 Photo	10.000 to 99999 rpm	± (0.1% reading + 2 digits)
Rotation - HM 100 Contact	10.000 to 9999 rpm	± (0.1% reading + 2 digits)
Surface Speed - HM 100 Contact	1.0000 to 1999.9 m/min	± (1.5% reading + 2digits)

JAQUET TECHNOLOGY GROUP offers the world's most versatile and advanced range of solutions for the detection, measurement, diagnosis and management of rotational speed.

Our industry and application specific expertise ensures that you will achieve an optimum solution. Completely matched to your individual requirements, meeting key industrial standards and certifications, our products help boost the performance of your machinery while reducing cost of ownership.

TYPICAL INDUSTRIES SERVED
- Automotive and truck
- Diesel / Gas engines
- Hydraulics
- Railway
- Turbines
- Turbochargers
- Industrial machinery

PRODUCTS – SPEED SENSORS
- Various technologies
- Standard, custom and OEM models
- For demanding applications, e.g. 300,000 rpm, temperature up to 320 °C / 600 °F, high vibration, shock to 200 g, etc.
- GreenLine speed sensors for general applications
- Ex models for hazardous areas
- Pole bands and target wheels available where needed

PRODUCTS – SYSTEMS
- Multi-channel overspeed protection systems
- 1–2 channel measurement, protection and control modules
- Engine diagnostic systems
- Redundant speed measurement and indication

SPECIAL PROJECT EXAMPLES
- An automotive linear movement sensor
- Integrated power and torque measurement for display and gearbox control
- Naval spec. turbine protection for nuclear submarines
- Speed measurement in turreted, tracked vehicles

QUALITY MANAGEMENT AND STANDARDS
- Quality management: TS 16949 and ISO 9001, ZELM ATEX 1020, KWU
- Sensors: GL, KWU, TÜV, ATEX, EN 50155 ,NF F 16-101 102 , ABS, EMC
- Systems: IEC 61508 SIL 2 and SIL 3, API 670, GL, TÜV, KWU, EX
- Environmental: RoHs - EU directive 2002/95/EC

JAQUET – YOUR PARTNER
- Efficient and professional service - JAQUET TECHNOLOGY GROUP is headquartered in Basel, Switzerland and has subsidiaries in Belgium, China, Germany, the Netherlands, United Kingdom and United States along with a worldwide distributor and end-user service network.
- Flexible production quantities; from 1 to millions per project
- Reduction of total costs by intelligent and cost-effective solutions
- Fast turn around time

IN CHARGE OF SPEED

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