

MICRON®



Get mobility.



HANDPIECE COUNTER 2

Non-contacting Revolution And Frequency Measuring Instrument



Revolution



Frequency



Compact

■ A "free" mobile measuring instrument.

Measuring instruments are used at various occasions like research and development, testing, quality control in factories, maintenance of delivered products, and etc. A highly portable body with measuring functions of revolution and frequency. A "free" measuring instrument of good mobility. Battery-powered, compact and lightweight.

Non-contacting sensor allows easy and safe measurement in free position.



To measure revolution or frequency, just bring your object to the sensor. The non-contacting measuring method allows easy and safe measurement. No need to touch the moving object. Unlike contact measuring instruments that require fixed position of the instrument and object, measurement in a relatively free angle is possible.



Measures ultrafast revolution.

Revolution measurement range from 5,000 to 999,000 rpm.



5,000 - 999,000rpm

Easy measurement, just attach the special attachment and bring close to the sensor. Measures rapid revolution from 5,000 to 999,000 rpm. Best suitable for revolution measurement of instruments like dental air turbines and micromotors rotating at a high speed.

* To measure a revolution below 5,000 rpm, an optional attachment for low range measurement (LHP-1) is necessary.

Catches subtle invisible vibration.

Frequency measurement range from 1 to 200,000 Hz.

Magnetizing your measuring object and bringing close to the sensor provides frequency measurement from 1 to 200,000 Hz. Frequency of vibration-utilizing instruments like dental ultrasonic scalers and air scalers can be determined.

* Frequency can be determined only when the measuring object is made from magnetizable materials.



1 - 200,000Hz

Examples of use

- Maintenance and trouble checking of dental clinic instruments.
- Quality control within manufacturing process of dental handpieces.
- Checking delivered products by service personnel of dental instruments.
- Performance confirmation and checking of repaired items.
- Research and development of new products, testing data collection.

Options



LHP-1

Connected to the measuring sensor of HPW-2, LHP-1 enables it to measure low-speed revolution of 1 to 5,000 rpm.



AC Stand

By replacing special connector with installed batteries, HPW-2 can be used via AC outlet. Ideal for table-top use.

Specifications

| | | |
|-----------------------------|--|--------------------------------|
| Model | HPW - 2 | |
| Measurement ranges | Revolution : 5,000 rpm to 999,000 rpm | Frequency : 1 Hz to 200,000 Hz |
| Revolution detecting method | Induction power pick-up system | |
| Display | Decimal numeration 4-digit LCD | |
| Power source | 2 SR - 44 silver oxide button cells | |
| Dimensions | 76 x 117 x 18 mm | |
| Weight | about 120 g (incl. 2 SR - 44 Button cells) | |

* Specifications are subject to change without prior notice for product improvements.

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