

## Connect & Check.



## Inspection Apparatus For Dental Handpieces

# Q-unit

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Maintenance



Revolution



Frequency

■ Handpiece Tester Produced By Handpiece Manufacturer.

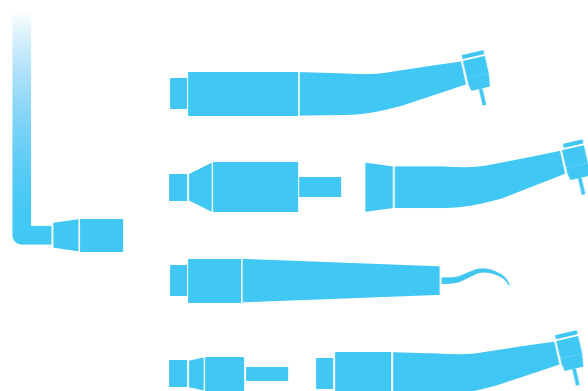
Q-unit integrates dental handpiece activation, control, and measurement functions into one single tester. Useful for handpiece test, inspection, and maintenance in various situations in R&D, manufacture, quality control, and repair.

# Performance test Inspection Maintenance



Equipped with ISO 9168 Type C connector. Connectable to various handpieces.

Q-unit has a Type C handpiece connector conforming to the international standard ISO 9168. The connector accepts various standardized handpieces like air turbines, air motors (plus contra angles), and air scalars. The connector also attaches to handpiece manufacturer's original couplings.



Test, inspection, and maintenance.  
Tailored control for each handpiece.

According to recommended specifications that vary product to product and manufacturer to manufacturer, Q-unit can control air pressure, water pressure and volume supplied to the handpiece.



Q-unit is equipped with useful functions for different test, inspection, and maintenance works: on-off controls for driving air, cooling water, chip air, and illumination. In addition, Q-unit has an air-blow system to discharge cooling water remaining inside of the handpiece after use.

Fast rpm and frequency measurement:  
safe and simple, non-contacting.



Q-unit has two sensors to measure number of revolution and frequency.

Sensor A is for measuring high speed revolution (5,000 to 999,000 rpm) of handpieces like air turbine and contra angles, and tip frequency (1 to 50,000 Hz) of air and ultrasonic scalars.



As the measurement object and the sensor do not have to touch, Q-unit determines the handpiece performance safely and simply.

Low and super low rpm measurement:  
precise actual rpm measurement.

Sensor B is to measure low and super low speed (1 to 5,000 rpm) revolution of handpieces like prophylaxis and surgical use. Q-unit does not indicate an electrically transformed motor rotation, but measures the actual revolution and provides more accurate measurement.



## ■ Specifications

Model	Q-unit 2 2008
Maximum allowable air pressure	0.7 MPa
Measurement ranges	Revolution (Sensor B) : 1 to 5,000 rpm, (Sensor A) : 5,000 to 999,000 rpm, Frequency : 1 to 50,000 Hz
Power source	AC 100 to 240 V 50 / 60 Hz
Weight	5.0 kg
Dimensions	380(W) × 180(H) × 250(D) mm

\*This apparatus is manufactured on request only. Modifications in connections, displays, etc., and addition of functions are possible.  
Please contact the manufacturer for further information.

\*This apparatus is not for medical applications. Do not use it for a medical treatment.

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