OBT-202 CAVITY & RANGE MEASURING HANDSET

OPTONOM

Scientific Instruments

www.optonom.com.tr

Turkey
Discover
the potential

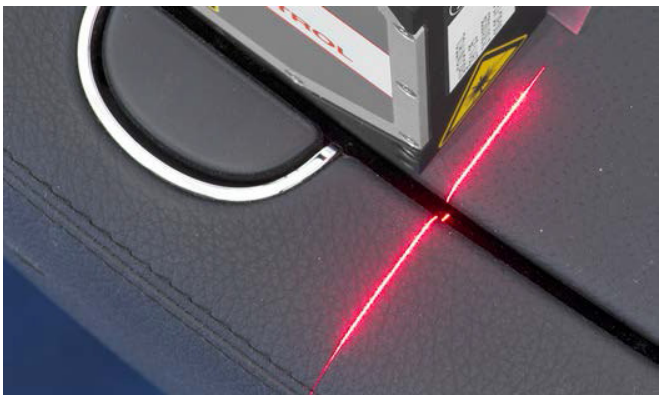
Optonom Cavity & Range Measuring Handset OBT-202

OPTICAL CAVITY AND RANGE MEASUREMENT

OBT-202 Model Optical Cavity / Range measuring handset is developed by Optonom which is introduced to the service of users in the field of industrial quality control, enabling contact and rapid measurement of space and space distances between surfaces with precision in micrometer accuracy.

DURABLE STRUCTURE

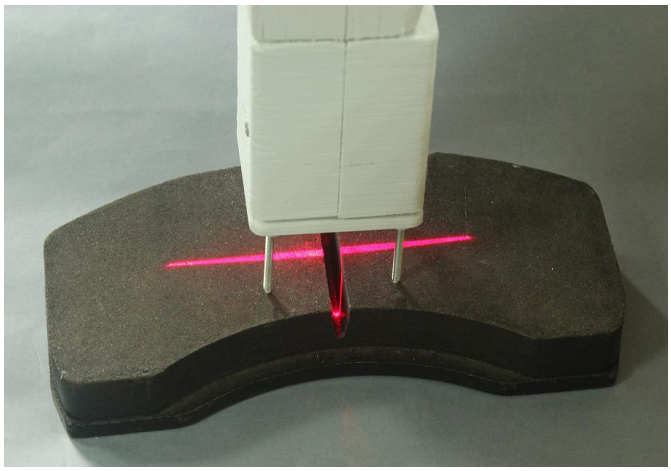
The OBT-202 records the measured data in its internal memory and automatically connects to the WI-FI for uninterrupted productivity. Results can be instantly transferred to other devices using the integrated wireless connection.,



HIGH RESOLUTION & MEASUREMENT CAPABILITY

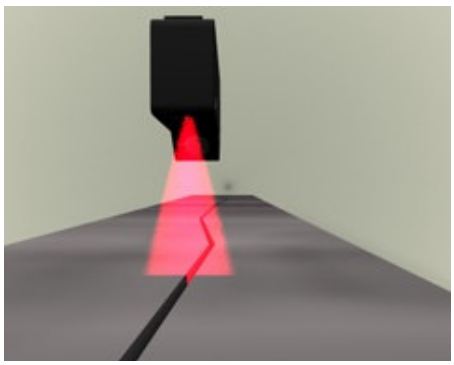
OBT-202 can be used in two ways as an option with battery or electricity. It has powerful battery, which can be operated from 5 to 6 hours without needing another energy source.

Advanced robust construction of the OBT-202 Optical Cavity / Range measuring handset has shock-resistant sensor layers which allows it to withstand the most demanding production conditions.



COMFORTABLE USE

With the OBT-202 Optical Cavity / Range measuring handset's high-speed processor, the measurement time is shortened and the productivity is increased with the speed increase of up to 20 times much faster compared to the measurement technique made by manual caliper.



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SENSITIVITY AND REPEATABILITY AT THE HIGHEST LEVEL

The OBT-202 has a large measurement capacity with its image processing software. Laser parameters are set automatically so that they can be measured on many different surfaces. OBT-202 can make measurement on many surfaces, from carbon fiber to very bright black paint and chrome.

The OBT-202 can establish a WI-FI connection with your computer or other mobile devices and automatically send the results as measurement reports.

OBT-202 can be used both contacted and non-contact.

CONTACTED APPLICATIONS

• Where speed is more important than precision

• Where your arm can reach or measure small and complex geometries

• When an application of specific amplifier or extension is used

• Training of new operators

NON-CONTACTED APPLICATIONS

• Where accuracy and repeatability both important

• Measurement of soft, flexible surfaces such as plastic, rubber

• In situations where possible surface damage is not desired

• In difficult and concave areas

USAGE AREAS

High precision parts in aerospace installation intervals

Automotive and White Sector Assembly is used in quality control units.

All known automobile finishes, including non-polished, galvanized metals, plastic and soft coatings, glass and mirror surfaces, including carbon fiber, steel and aluminum, can also be measured.

SYSTEM WARRANTY AND SERVICE

Maintenance and service are provided free of charge for one year.

Optonom OBT-202 Cavity & Range Measuring Handset Technical Properties	
Model	OBT-202
Type	Mobile
Control	Interior Processor
Interface	USB
Software	Optonom VIS-301 Image Analysis Software
Working Temperature Range	From -10 ° C up to 60 ° C
Measurement Type	Optical, Non-contact
Measurement Precision	100 µm
Additional Tools	Calibration Tools