

# **VISIQUICK**Mini

**COMPACT FLEXIBLE  
SEMI-AUTOMATIC BENCH  
FOR GLASS CONTAINERS  
MEASUREMENT ON SAMPLE BASIS**



**MARPOSS**

## DESCRIPTION

VisiQuick-mini™ is a manual loading/unloading, compact, flexible semi-automatic bench, suitable for accurate dimensional and geometric measurement of a large variety of glass containers having different size, shape and colour.

The range of measurable items includes food & beverage, perfumery & cosmetic and pharmaceutical containers.

It can be installed, at the cold-end, either in the QC lab or close to the production line where, also thanks to its small size, it can profitably replace all go-no go gauges for external dimensions control, used to periodically check a batch of containers.

Replacing controls by attributes with controls by variables, allows to collect data, perform statistical analysis and detect process trends and deviations at an early stage.

VisiQuick-mini™ includes an optical measuring system with a high resolution matrix camera, a compact telecentric lens with backlight illuminator and a rotating/translating plate, to support the container and bring the portions to be measured in the camera range.

Measurable characteristics include:

- Total height
- Verticality
- Bent neck
- Mouth parallelism
- Body parameters (e.g. diameter, long/short sides and diagonals on non-round containers, height of a given diameter, etc...)
- Finish parameters on any finish type (e.g. diameters, heights, angles, radiuses, etc...).

VisiQuick-mini™ can be also equipped with an optional industrial scale, integrated under the plate, to measure the container's weight.

## MANUAL HANDLING AND AUTOMATIC OPERATION

The container to be measured is manually placed on the rotating plate and the measuring cycle is managed automatically.

## SIMPLE TO USE

The VisiQuick-mini™ software, installed on a powerful Industrial PC, provides a simple and intuitive user's interface.

## MEASUREMENTS RESULTS

For each measurement, max, min and average values are available.

## INDUSTRY 4.0 READY: INTEGRATION WITH PRODUCTION MONITORING SYSTEM

The VisiQuick-mini™ is fully integrated with Vertech SIL™.

Information about the batch of containers to be measured (article name, cavities sequence, measurements required, tolerances and other parameters), programmed on Vertech system are sent to the VisiQuick-mini™, in the form of a file, to automatically generate the measurement recipe and configure the bench for the inspection of that specific article.

After the measurement of each container, results are delivered to Vertech system.

Communication protocols with other production monitoring systems are also available or can be developed upon request.



## MARPOSS QUALITY AND SUPPORT

The VisiQuick-mini™ takes advantage of Marposs knowledge and experience in the supply of precision gauging equipment for various Industries, as well as of its unrivaled worldwide sales and service organization.

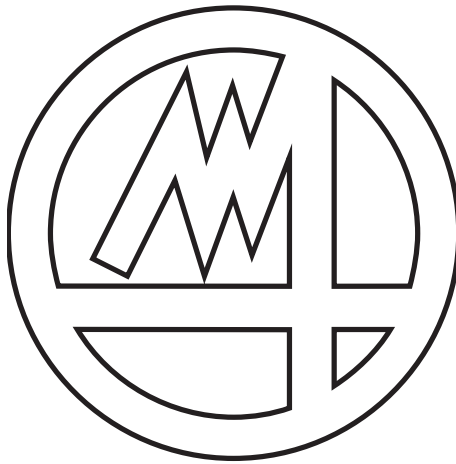
## TECHNICAL DATA

Power supply	220Vac
Measurable containers dimensions	Height $\leq$ 410 mm Body external diameter (or diagonal for non-round containers) $\leq$ 120mm Weight $\leq$ 2Kg
Measurements repeatability (evaluated on the master)	$\leq$ +/-0,01mm
Industrial scale (optional) resolution	0,1g
Measurement time	30-60 sec.



1000 mm





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*For a full list of address locations, please consult the Marposs official website*

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