



MARPOSS

BIOMEDICAL TEST, MEASURE & INSPECTION

DISPOSABLES & DEVICES



TEST INSPECTION AND MEASUREMENT FEATURES

- TUBES DIMENSIONAL CHECK
- SYRINGE ASSEMBLIES
- BAGS, CONNECTORS, FILTERS ASSEMBLED PARTS LEAK TESTING
- MEASUREMENT OF SMALL-BORE CONNECTORS FOR LIQUIDS
- WASHER FLUID BOTTLES



PLASTIC



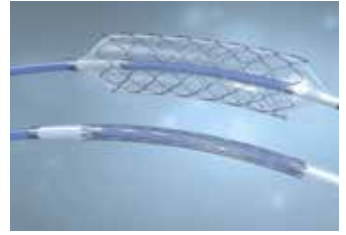
GLASS BOTTLE (VIALS)



OTHERS



DEVICES



DIMENSIONAL TEST

LASER MICROMETER

CHROMATIC CONFOCAL
SENSORS

OPTICAL
TECHNOLOGY

CHROMATIC CONFOCAL
SENSORS

LASER MICROMETER

CHROMATIC CONFOCAL
SENSORS

LASER MICROMETER

FUNCTIONAL TEST

THREAD MASTERS
& GAUGES

LEAK &
FLOW TEST

LEAK &
FLOW TEST

LEAK &
FLOW TEST

LEAK &
FLOW TEST

PRODUCTION PROCESS

SOLVENT DISPENSER

MONITORING
SOLUTIONS

AUTOMATION

MONITORING
SOLUTIONS

SOLVENT DISPENSER

CONTROL QUALITY & ASSURANCE SOFTWARE

INCOMING AND MOLDING PROCESS CONTROLS (CHECK LIST, SAMPLING, CAPABILITY, ...).
DEVIATIONS&CAPA, SOP, AUDIT, CALIBRATION, CLAIM, MAINTENANCE,
CHANGE CONTROLS, TRAINING, ISO13485 SUPPORT.

DIMENSIONAL TEST



LASER MICROMETERS

Marposs Aeroel biaxial laser sensor is designed for non-contact measurement of diameter and ovality of transparent or opaque products in the medical sector such as bottles, vials, tubes.



CHROMATIC CONFOCAL SENSORS

Marposs STIL CCS Controllers allow measurements of great precision without contact and without risk of alteration of the parts.

They guarantee a very high-resolution distance and thickness measurement on all types of surfaces and materials including reflective surfaces.



OPTICAL TECHNOLOGY

VisiQuick-mini™ is a compact, flexible, semi-automatic bench, based on optical technology, suitable for accurate dimensional and geometric measurement, on sample basis, of a large variety of glass containers having different size, shape and colour.

FUNCTIONAL TEST



THREAD MASTERS & GAUGES

Thread masters and gauges are used for the functional check of external and internal copolymer threaded connectors. This ensures the coupling of the entire route of administration of the intravenous therapy (IV) or enteral feeding, according to the ISO 80369 and ISO 13485 specifications.



LEAK AND FLOW TEST

Bags for liquids and bottles are typical products in medical field but also in pharmaceutical and cosmetic sectors. Here, in addition to the typical leak or flow tests, also volume and resistance (burst tests) are checked.

Moreover, destructive and functional tests are performed.

PRODUCTION PROCESS



SOLVENT DISPENSING SYSTEM

Dosaset is a dispenser for cyclohexanone or similar solvents, used for manual and automatic bonding of plastic components, disposables, tubes and joints.



AUTOMATION

Parts (usually disposables) are added as semi-finished elements in the assembly line, and added in sequence until the final assembly is complete. The assembly line respond to various needs of application such as flexibility and cycle time. Examples: wire inlay tubing, diagnostic vials and dialysis cassettes.

Automatic helium leak test application for disposable medical devices (e.g.: blood filters, auto-injector pens, bioreactors).



MONITORING SOLUTIONS

A perfect part is critical in manufacturing dies and molds. Marposs can offer a portfolio of machine monitoring systems, applications and softwares to speed up the process of maintaining a high level of quality and increasing productivity.



MEASUREMENT, INSPECTION AND TEST FOR QUALITY AND PROCESS CONTROL



worldwide present in

34
countries

offices worldwide

80

exports

94%

approx.

3,500
employees

1,240

Italy

1,100

Asia

810

Europe

340

Americas

30

key acquisitions since 2000

8%

resources invested in R&D

Marposs was founded in 1952 and since then has provided shop-floor solutions for the quality control in the production environment. Marposs' solutions include gauging equipment of mechanical components, before, during, and after the production process, monitoring solutions on machine tools, assembly, and testing systems, automatic machines, and checking stations for production lines.

Marposs is one of the main suppliers of the top automotive manufacturers, but operates as well in the aerospace, biomedical, hi-tech, and glass industries.

Marposs Group's employees are more than 3500, located around the world, with presence in thirty-four countries with more than eighty sales offices.



MARPOSS

www.marposs.com

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

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Marposs has an integrated system to manage the Company quality, the environment and safety, attested by ISO 9001, ISO 14001 and OHSAS 18001 certifications.