







www.crase.com

TECHNICAL SERVICE



Installation, **calibration** and **education**: these are the services CRASE s.r.l. offers after sales. They are developed with planned maintenance contracts carried out directly by our specialized technicians.

SPARE PARTS

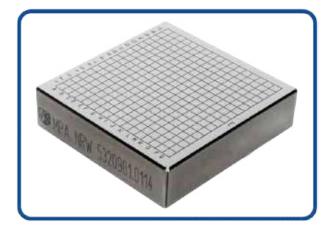
The spare parts' warehouse is equipped with the whole product line, and we are able to create accessories on customer's specific request.

- Instrument work benches
- Measuring dial gauges
- Lamps and lighting systems
- Diamond indenters with calibration certificate ISO ASTM
- Ball indenters with calibration certificate ISO ASTM
- · Spares for measuring and optical microscopes
- Measuring probes
- Workpiece holders
- Reference test blocks with calibration certificate ISO ASTM

ON-SITE REPAIR

In case of fault, the intervention is carried out on site by our technicians. In this way the downtime of your instrument can be reduced.





PREVENTIVE MAINTENANCE

We provide annual maintenance contracts which establish that your instruments would be maintained at regular prearranged intervals. Thanks to these contracts you will always have calibrated and verified instruments. A regular maintenance guarantees to the customer a longer lasting in time of the machine and a better control of operating costs.

INSTRUMENTS REPAIR SERVICE

Equipement for metrology room of all the best brands.



REPAIR:

Hardness testers (with issue of Accredia certificate, also on site), micrometers (also with surface polishing), dial gauges, thickness testers, glossmeters, roughness testers, bore meters, bench instruments, calipers, altimeters, profile projectors, pneumatic instruments and digital instruments.

SUPPLY:

Masters and calibration blocks ORIGINAL SPARES



TECHNICAL CONSULTING

Thanks to technical knowledge of testing and production processes, CRASE s.r.l. offers a consulting service for choosing new or secondhand equipement to realize your project. In order to do that, we can count both on our staff and on collaborations with technicians and engineers working in the sector.



CRASE s.r.l. is in secondhand market. Various instruments are available, such as hardness testers, gear measuring machines and universal testing machines, all inspected and with a warranty. You can find the complete list of available secondhand instruments on our website www.crase.com.



INSPECTION

CRASE s.r.l. offers measuring systems which allow to update almost every machine of various known brands. Our retrofits combined with mechanical inspections, carried out in our laboratory in Burago di Molgora, are able to lengthen the instrument's life, updating just the measuring system. In this way, our customers can have a modern and inexpensive testing machine.

CERTIFICATION

We guarantee our instruments for 12 months, the quality warranty is given by the ACCREDIA primary certificate, accomplished by an external laboratory.

ACCREDIA CALIBRATION CERTIFICATE: it is a document issued exclusively by an accredited calibration centre. This certificate is officially valid in Italy and it is recognised in the EA's European States. An *Accredia* certificate guarantees that the instrument has been calibrated according to all the procedures recognised as valid by primary institutions of expertise. The *Accredia* certificates relieve the user from proving that calibrations were carried out in compliance with the standards of calibration institutions' quality system (UNI CEI EN ISO/IEC 17025) and with methods approved by *Accredia*. The Accredia certified instruments and test blocks

are usually used as "primary standards" for calibration and control of other instruments. **CALIBRATION REPORT WITH TRACEABILITY TO NATIONAL STANDARDS (RDT) (UNI EN ISO 10012: 2004):** it is a document released by calibration centres which assure the measurement traceability to national standards, without any validation by the responsible institutions. The validity of these documents is given by the laboratory's qualification, the technical knowledge of workers and the used metrological procedures. The customer has the right to verify these elements with on-site inspections. A calibration report can be released either by an accreditated *Accredia* centre or another centre, but in the first case you will have more guarantees..



INSTRUMENTS' CALIBRATION SERVICE

Equipement for metrology room of all the best brands.



CALIBRATION WITH POSSIBILE ISSUE OF ACCREDIA CERTIFICATE FOR:

Hardness testers, micrometers, dial gauges, thickness testers, bore gauges, roughness testers, bench instruments, smooth cylindrical buffers and rings, smooth flat buffers, measuring forks, set or single parallel reference test blocks, conical buffers, threaded buffers and rings, prisms, masters to design, calipers and special equipement, altimeters, profile projectors, pneumatic instruments, digital instruments, torque wrenches, thermocouples, conductivity meters, gas analyzers.









CONTACTS



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