

LAYER RESISTANCE MEASUREMENT GAUGE CV-LT200™

Ball cratering test device for the determination of wear coefficients of coatings and materials

- Reproducible measurement of wear and scratching resistance
- Measurement of layer thickness
- Comfortable operation
- For quality assurance and layer development
- Suitable for coatings such as hard coatings, paint coatings and plastic coatings



Technical specifications

Ball diameter	Min. \varnothing 15mm Max. \varnothing 30mm
Speed range	20 - 500 U/min
Programmable	Grinding feed traverse, grinding period, Number of revolutions, Dosing time, ...
Clamping range for plane parts	50mm
Clamping range for round parts	\varnothing 3 -30mm (clamping jaws for other dimensions available on request)
Compound table travel	25mm x 25mm
Dimensions	305/295/295 (height/width/depth)
Weight	Approx. 8kg
Compressed air supply	Approx. 2 bar

Standard delivery

- CV-LT200 with compound table and pneumatic dosing device for the abrasive slurry
- CV Instruments certificate
- Installation & users manual

Optional accessories

- Abrasive slurry with reference sample
- Calibration certificate of the IST
- Laser pointer
- Gauge for adjusting the normal force on the sample
- Microscopes (optionally with video camera to measure the diameter of the wear crater)
- Software for easy calculation of the wear coefficient
- Compact compressor for CV-LT200: The compressor provides the compressed air needed for the pneumatic dosage of the abrasive material. Oil-free, maintenance-free, low noise. Including matching hose connection