



ITEM: LA253

This new roughness/surface profiler tester has a revolutionary approach to roughness measurements. 7 inches wide 16 million colour touch screen display. 75 roughness parameters following the principle international regulations. Integrated CAD system for profile analysis. Measuring range 3000µm roughness and profilometry probe. Resolution 0.1 nm (0.0001 µm) on 3000 µm. Automatic saving of last 6 measure, manual saving up to 1000 measurements for profilometry and 4000 measurements for roughness (graphics+parameters).

- Measurement range: Z=3000 µm for roughness Z=3000 µm for profile tester
- Resolution: 0.1 nm (0.0001 µm) on ± 1500 µm
- Cut-off length: 0.08 – 0.25 – 0.8 – 2.5 – 8mm
- Cut-off number: from 1 to 20 cut-off (within 60mm)
- Traverse length: X = 60 mm
- Pick-up: interchangeable inductive (only carbon tips)
- Measurement parameters: 75 parameters
- ISO Ra, Rq, Rt, Rz, Rp, Rv, Rc, Rsk, Rku, RSm, RΔq, RΔa, RΔc, Rmr, RPc, RLo, Rlr, Rzjis, RHSC, Pa, Pq, Pq, Pv, Pc, Psk, Pku, PSm, PΔq, PΔc, PPc, PLo, Plr, PHSC, Wa, Wq, Wt, Wz, Wp, Wv, Wc, Wsk, Wku, WSm, WΔq, WΔc, WPc, WLo, Wlr, WHSC, Rk, Rpk, Rvk, Mr1, Mr2, A1, A2, W, Wx, Rke, Rpke, Rvke, Mr1e, Mr2e, A1e, A2e
- ISO 12085: Pt, R, AR, Rx, Wte, Aw
- DIN 4768: Rmax
- VDA2007: WDSm, WDc, WDt
- Unit of measurement: millimeters and inches
- Interface: graphic 7" touch screen display
- Languages: Italian, French, English, German, Spanish, Portuguese, Japanese, Chinese, Korean
- Memory: Up to 4000 roughness measurements and 1000 profilometry measurement

Standard equipment:

- Probe for roughness with diamond cone angle 90 ° radius 2 µm, probe for profile with a chisel angle 11°, the profile software are included
- Calibration specimen for the roughness Ra = 2.97 µm
- Charger

Tech. Code	Description
D7246RP	Portable roughness/surface profiler tester
D7246KITP	3mm Profile tester set (specimens for calibration)

GAZE 200 DIGITAL MICROSCOPES COMPLETE WITH STAND



ITEM: D7255

A user-friendly microscope, ideal for image capture and footage. Integrated LED illumination, two focus phases, can also be used without stand. Equipped with a specific software featuring comprehensive measurement functionalities, such as distance, range, etc.

TECHNICAL SPECIFICATIONS:

- 10x to 200x magnification
- 1.3 megapixel resolution camera
- Adjustable light LED
- USB power supply
- Windows XP and Vista compatible.

Tech. Code	Resolution	Dimension mm	Plan mm	Weight g
D7255C/SOFTW	1280 x 1024	150 x 175	120 x 175	110