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	TESA RUGOSURF 10G portable surface roughness tester for use in the workshop Z = ± 200 µm (± 0.0079 in) X = 16 mm (0.63 in) 3 probe measuring positions
	Measuring span, µm 400 µm (6300 µin) on Z axis, 16 mm (0.63 in) on X axis
	Display span, µm Ra = 0 ÷ 100 µm; Rt = 0,05 ÷ 400 µm
	Precision class in accordance with ISO 3274 Class 1
	Measuring force, N 0,75 mN (in accordance with ISO 3274)
	Resolution, µm 0,001 µm (0.1 µin)
	Display TFT 2" colour graphic screen
	Roughness parameters 31 parameters: Ra, Rq (Rms), Rt, Rz, Rp, Rc, Rv, Rsm, Rdc; Pa, Pq, Pt, Pp, Pc, Pv, Psm, Rdc; RPc, PPc; Rk, Rpk, Pvk, Mr1, Mr2; Pt, R, Rx, AR; R3, R3zm, Rmax;
	Graphics Bearing area curve, profil-R, profil-P
	Cut-off length, mm 0,25 – 0,80 – 2,50 mm (0.01 – 0.03 – 0.10 inch)
	Number of cut-off 1 to 10 for a cut-off of 0,25 and 0,8 mm
	Diamond point of stylus (R = µm; angle °) R = 5 µm, 90°
	Built-in memory Max. 1000 parameters; max. 20 measurements with parameters, profiles and graphics
	Dimensions, mm 122 x 53 x 81 mm
	Degree of protection of keyboard (IP XX) IP67
	Digital output (USB) USB cable connector to PC
	Weight, g 590 g
	Included in delivery Roughness standard Ra = 2,97 µm Built in rechargeable battery SB10 standard probe Battery charger EU and US Adaptor Positioning clamp for stand Ø 8 mm Vertical positioning stand User instructions
	Probing speed, mm/s 1 mm/s
	Units mm or inch
	Power supply 100 ÷ 240 VAC; 50 ÷ 60 Hz, 12 V, 400 ÷ 650 mA

