

**Specification:-****Measuring Range**

- X Axis : 0.69" (17.5mm)

Z Axis (Detector)

- Range : 14200 Min (-7900 μ m~+6300 μ m) / 360 μ m (-200 μ m ~ +160 μ m)
- Range / Resolution : 14170 μ m / .8 μ m (360 μ m / 0.02 μ m), 4000 μ m / .2 μ m (100 μ m / 0.006 μ m), 1000 μ m / .08 μ m (25 μ m / 0.002 μ m)
- Measuring Speed : Measuring: 0.01, 0.02, 0.03 In/S (0.25mm/s, 0.5mm/S, 0.75mm/S)
Returning: 1mm/S
- Measuring Force / Stylus Tip : 0.75mn Type: 0.75mn / 2 μ mr 60°, 4mn Type: 4mn / 5 μ mr 90°
- Skid Force : Less Than 400mn
- Applicable Standards : Jis '82 / Jis '94 / Jis '01 / Iso '97 / Ansi / Vda
- Assessed Profiles : Primary Profile / Roughness Profile / Df Profile / Roughness Profile-Motif
- Evaluation Parameters : Ra, Rc, Ry, Rz, Rq, Rt, Rmax, Rp, Rv, R3z, Rsk, Rku, Rpc, Rsm, Rmax, Rz1max, S, Hsc, Rzjis, Rppi, R Δ A, R Δ Q, Rlr, Rmr, Rmr(C), R Δ C, Rk, Rpk, Rvk, Mr1, Mr2, A1, A2, Vo, Rpm, Tp, Htp, R, Rx, Ar, Possible Customize
- Analysis Graphs : Bearing Area Curve / Amplitude Distribution Curve
- Filters : Gaussian, 2cr75, Pc75

Cut Off Length

- Λ C : 0.003, 0.01, 0.03, 0.1" (0.08 , 0.25 , 0.8 , 2.5mm)
- Λ S : 100, 300 μ m (2.5 , 8 μ m) Or None
- Sampling Length : 0.003, 0.01, 0.03, .1 " (0.08 , 0.25 , 0.8 , 2.5mm)
- Number Of Sampling Lengths (x n) : x1, x2, x3, x4, x5, x6, x7, x8, x9, x10, Arbitrary 0.01~.63" (.0001"Interval) [(0.3~16.0mm: 0.01mm Interval)]
- Lcd Dimensions : Lcd Dimensions
- Calculation Result Display : Vertical Display: 1 Parameter / 3 Parameter / Trace To Measurements
- Horizontal Display: 1 Parameter / 4 Parameter / Trace To Measurements (Horizontal Display Is Invertable)
- External I / O : Usb I/F, Digimatic Output, Printer Output, Rs-232c I/F, Foot Sw I/F

Functions

- Customization : Desired Parameters Can Be Selected For Calculation And Display
- Go / Ng Judgment *2 : By Max Value / 16% / Standard Deviation
- Storage Of Measurement Condition : Save The Conditions At Power Off

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

- Storage : Internal Memory: Measurement Condition (10 Sets), Measured Profile (1 Set) Memory Card (Option): 500 Measurement Conditions, 10000 Measured Profiles, 500 Display (Measurement Conditions / Measured Profile / Assessed Profile / Bearing Area Curve / Amplitude Distribution Curve)
- Calibration : Saves Last Inputted Nominal Value Of Specimen / Average Calibration With Multiple Measurement (Max.5 Times) Is Available
- Power-Saving Function : Auto-Sleep Off Function (10-600sec) *3
- Power Supply : Two-Way Power Supply: Battery (rechargeable Ni-Mh Battery) And Ac Adapter



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