

TESA RUGOSURF 10G

Surface Roughness Gage



RUGOSURF 10G is a portable and versatile roughness gage that can be used in the workshop for incoming inspection or in the laboratory. This heavy-duty hand-held tool offers a wide range of accessories and can be used in a number of applications that's virtually unlimited.

- Work with collected measurement data on your laptop or PC
- Request and set measuring parameters remotely
- Automatically transfer data in real time
- Request and set tolerances
- Numerous report templates
- Memo data request
- Remote on/off switch for RUGOSURF unit

Superior
Graphical Interface



HEXAGON
METROLOGY

brown & sharpe



World Headquarters

250 Circuit Dr., North Kingstown, RI 02852-1700

Tel: (800) 283-3600 - *Select option 2, then option 3*

TESA RUGOSURF 10G

Surface Roughness Gage



Complete with:

- Roughness Specimen, Ra = 117 µin/2.97 µm
- Rechargeable battery 7.2 V, 120/150 mAh, NiCd or MiMH in PP3 format
- SB10 standard probe type
- Battery charger
- Adapter for standard stand with 8mm diameter
- Positioning support
- Instructions for use with a declaration of conformity

Technical Data

Table of measured roughness parameters

International Standards

ISO 4287	Ra	Rq	Rt	Rz	Rp	Rv	Rc	RSm	Rđc	Rpc
1997	Rk	Rpk	Rvk	Mr1	Mr2					
	Pa	Pq	Pt		Pp	Pv	Pc	Psm	Pđc	Ppc
Din	Rmax	R3z	R3zm							
ISO 12085	R	AR	Rx	Rke	Rpke	Ryke				

Measuring range 0 + 300 µm / 0 + 12 µin

Resolution 0.005 µm / 0.02 µin

Cut-offs (lc in in) 0.01 in 0.03 in 0.1 in

Total length

(lm in in) 0.05 in 0.15 in 0.5 in

Traversing length

(lc in in) 0.06 in 0.18 in 0.6 in

Possible selection of 2,3,4 or 5 cut-offs for the measurement (length from 0.75 to 16 mm)

RUGOSURF 10G

Tool No.	EDP No.	Description
06930011P	24720	TESA RUGOSURF 10G

RUGOSURF 10G Optional Probes

06960036	23128	SB10 PROBE
06960037	23129	SB20 PROBE
06960038	23130	SB30 PROBE
06960039	23131	SB40 PROBE
06960040	23132	SB50 PROBE
06960056	29453	100MM EXTENSION
06960057	29454	SP110 PROBE

RUGOSURF 10G Optional Accessories

06960035	23127	RUGOSURF 10 STAND
06960042	23134	HAND SWITCH
06960045	29442	RUGOSURF10G BATTERY
06960046	29443	RUGOSURF10G CHARGER
06960047	29444	RUGOSURF10-10G PLASTIC CASE

RUGOSURF 10G Software

06960034	23126	RUGOSOFT 10 SOFTWARE W CABLE
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MATRIX PRINTER

06960033	23125	PRINTER RUGOSURF 10 WT CABLE
06960043	23135	3 X INK TAPE
06960044	23136	10 X ROLLS PAPIER LARGEUR 57



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