MarTest 800 SGB / 800 SL / 800 SGL

Test indicator

SHOCK PROOF | DIN 2270

FEATURES

With long stylus, for measurements at poorly accessible measuring points

- High-contrast dial face, sealed with O-ring
- Mineral glass viewing panel for best protection:
  - against cracking, scratching or damage caused by hot shavings
  - optimum resistance to solvents
- Matt chrome-plated protective casing with three integrated dovetail guide rails
- Shockproof measuring mechanism
- Anti-magnetic model
- Automatic adjustment to the contacting direction ensuring infallible readings
- Ball bearing mounted double lever
- Friction clutch overload protection
- **Package contains:** case, instruction manual, Spanner for changing the styli, stylus diameter ø 2 mm, mounting shaft 800a6 (800 SA/SGA/SGB), mounting shaft 800a8

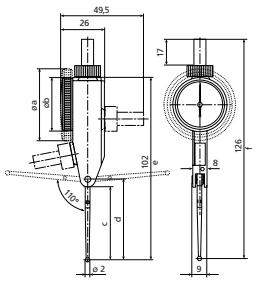
Applications:

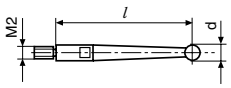
- Measurement of concentricity, alignment, parallelism and flatness
- Centering of bores and shafts
- Parallel or perpendicular alignment of workpieces

TECHNICAL DATA

Order no.		4301300	4306200	4306250
Standard		Factory standard		
Type		800 SGB	800 SL	800 SGL
Measuring range	mm	± 0.5	± 0.25	
Readings	mm	0.01		
Measuring surface		carbide		
Scale diameter	mm	38	28	38
Type of dial face		50–0–50	25–0–25	
Dial color		Yellow		
Measuring force	N	0.07		
Range per rev.	mm	1	0.5	
Deviation range f_e	µm	10		
Total deviation range f_{ges}	µm	13		
Measuring value hysteresis f_u	µm	4	5	
Partial measuring span f_t	µm	5		
Repeatability f_w	µm	3		

Order no.	a	b	c	d	e	f	Measuring anvil length
	mm	mm	mm	mm	mm	mm	mm
4301300	40.5		31.4	35.7	93	117	32.3
4306200		30	40.3	44.6	102	126	41.24
4306250	40.5		40.3	44.6	102	126	41.24



ACCESSORIES

Order no.	Description	Type
4301851	Stylus ø 1.0 mm, carbide, l = 32.3 mm	800 tb
4301850	Stylus ø 2.0 mm, carbide, l = 32.3 mm	800 tb
4301852	Stylus ø 3.0 mm, carbide, l = 32.3 mm	800 tb
4309052	Stylus ø 2.0 mm, ruby, l = 32.3 mm	800 tbr
4305868	Spanner	
4306851	Stylus ø 1.0 mm, carbide, l = 41.24 mm	800 tl
4306850	Stylus ø 2.0 mm, carbide, l = 41.24 mm	800 tl
4306853	Stylus ø 3.0 mm, carbide, l = 41.24 mm	800 tl
4309053	Stylus ø 2.0 mm, ruby, l = 41.24 mm	800 tlr