

FEATURES

- Large, high contrast dial face
- Adjustable tolerance markers
- Lockable fine adjustment screw
- Shockproof movement
- Mounting shank and measuring spindle are both made of hardened stainless steel
- Measuring spindle is mounted in a high precision ball guide for minimal hysteresis
- Resistant to lateral forces (side play) acting on the measuring spindle
- Maximum sensitivity and accuracy are ensured by the jeweled movement in conjunction with the precision gears and pinions
- Box type protective housing
- Constant measuring force
- Measuring spindle can be retracted with either a screw in cable release or with a lifting knob
- Package contains: case

Applications:

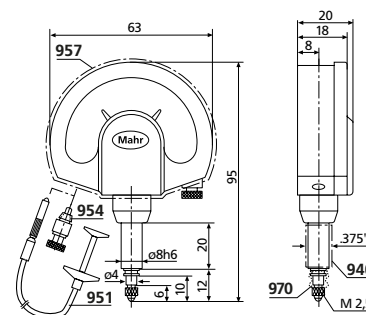
- Models with reduced or increased measuring force
- Lower measuring force is required e.g. for measurements on thin-walled or soft materials or sensitive surfaces
- Increased measuring force is required to e.g. improve the repeatability of extended
- to improve the repeatability of comparative measuring devices



TECHNICAL DATA

Order no.	4334075 4334070 4334050 4334076 4334071 4334010 4334011							
Type	1003							
Measuring range	mm	± 0.05						
Scale graduation value	µm	1						
Figure on dial face	50–0–50							
Error limit G_e	µm	1						
Error limit G_{ges}	µm	1.2						
Error limit G_t	µm	0.7						
Measuring value hysteresis f_u	µm	0.5						
Repeatability f_w	µm	0.5						
Standard	DIN 879-1						Factory standard	
Free stroke	mm	2.8						
Measuring force	N	0.3	0,4	0.5	0.6	0.7	2	3
Scale diameter	mm	50						
Dial color	Yellow							

Order no.	Mounting shaft
	mm
4334075	8
4334070	8
4334050	8
4334076	8
4334071	8
4334010	8
4334011	8



ACCESSORIES

Order no.	Description	Type
4310103	Adapter bushing (.375" / 8 mm)	940
4372000	Cable release (250 mm)	951
4372030	Lifting knob	954
4373030	Splash guard cover	957
4334786	Rubber bellows	970
4375002	Lug back to mount on mounting shank 8h6 mm	963

