

TECHNICAL DATA

DIAVITE DH-8/ App

Measurement variables	<ul style="list-style-type: none">■ ISO/DIN: Ra, Rz (DIN), Rmax, R3z, Rt, Rq (RMS), Rk, Rp, Rv, Rpk, Rvk, MR1, MR2, Rpc, C1, C2, contact ratio Rmr, C0, Cz, V0, Rdg, RL0■ JIS: Ra (JIS), Rz (JIS)■ ISO 12085: R, AR, Rx■ additional measurement values via PC software DIASOFT (optional)
Measurement ranges	<ul style="list-style-type: none">■ Ra, Rq: 0 – 20,00 µm 0 – 800 µin■ All other measurement values: 0 – 350.0 µm 0 – 1400 µin
Display	<ul style="list-style-type: none">■ Ra, Rq: 0,001 µm■ All other measurement values: 0.01 µm
Output	USB port
Humidity	max. 80 %, non-condensing
Languages	German, English, French, Italian, Spanish, Polish
Tracing system	Analogue Hall-effect technology, with a high-linearity output signal
Tracer tip	Diamond tip: 5 µm, 90° (standard) or 2 µm, 60° (option)
Tracing skid radius	25 mm (standard tracer)
Static measuring force	Tip < 0.75 mN
Statische Auflagekraft	Skid < 0.15 N
Tracing speed	0.25, 0.5 und 1.0 mm/s
Reverse speed	1,0 mm/s
Motor unit	VH for tracer with skid and VHF for tracer with and without skid
Device dimensions (L x W x H)	245 x 130 x 78 mm
Motor unit dimensions	approx. 20 x 33 x 136 mm (with supporting shoe)
Scope of delivery	<ul style="list-style-type: none">■ Instrument DH-8/PC■ Motor unit VH or VHF■ Standard tracer SH incl. test protocol■ Specimen metal Ra = 3.00■ Connecting cable■ USB-connecting cable■ Screwdriver■ USB stick with software DIASOFT BASIC, instruction manual and DIAVITE App software■ Delivery report■ Carrying case (PC, laptop or tablet not included)