

TECHNICAL DATA

DIAVITE MICRO VHF

Parameters roughness	<ul style="list-style-type: none">■ ISO 21290: Ra, Rz, Rt, Rzmax, Rp, Rv, Rsm, Rq■ ISO 4287: Ra, Rz, Rt, Rmax, Rp, Rv, Rsm, Rq■ ISO 12085: R, AR, Rx
Measurement ranges	<ul style="list-style-type: none">■ Ra, Rq: 0 – 20.00 µm 0 – 800 µin■ All other measured values: 0 – 350.0 µm 0 – 1400 µin
Readout	<ul style="list-style-type: none">■ All measured values: 0.01 µm
Output	1x USB (data output and charging)
Humidity	max. 80%, non-condensing
Languages	German, English, French, Italian, Spanish, Polish
Tracing system	Analogue Hall-effect technology with highly linear output signal
Cutoff (Lc)	0.08 mm / 0.25 mm / 0.8 mm / 2.5 mm
Tracer tip	Diamond tip: 5 µm, 90° (standard) or 2 µm, 60° (option)
Measurement range in Z	approx. 450 µm
Static measuring force	Tip < 0.75 mN
Static tracking force	Skid < 0.15 N
Tracing speed	0.5 mm/s
Reverse speed	approx. 1.0 mm/s
Motor unit	VHF with connecting cable, measuring length 0.48 – 16 mm
Device dimensions (L x W x H)	approx. 150 x 60 x 45 mm
Motor unit dimensions (L x W x H)	approx. 136 x 20 x 33 mm (with support shoe)
Scope of delivery	Display unit DIAVITE MICRO / Motor unit VHF / Connecting cable / Standard tracer SH / Calibration specimen metal Ra = 3.0 µm / USB- and charging cable / Screwdriver / Instruction manual / Software DIAVITE App light / Carrying case / Test protocol

OUR SALES PARTNERS:

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