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DIAVITE DH-10 TOUCH

Norm: ISO&DIN

DH-10

Ra	1.658 µm
Rz	8.81 µm
Rt	11.83 µm

Taster: SH-10256
Programm: D2545687FT

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Lt= 1.50   Lc= 0.25   Lv= 0.50   Ls= 2.5   ☒ Automatisch zurück
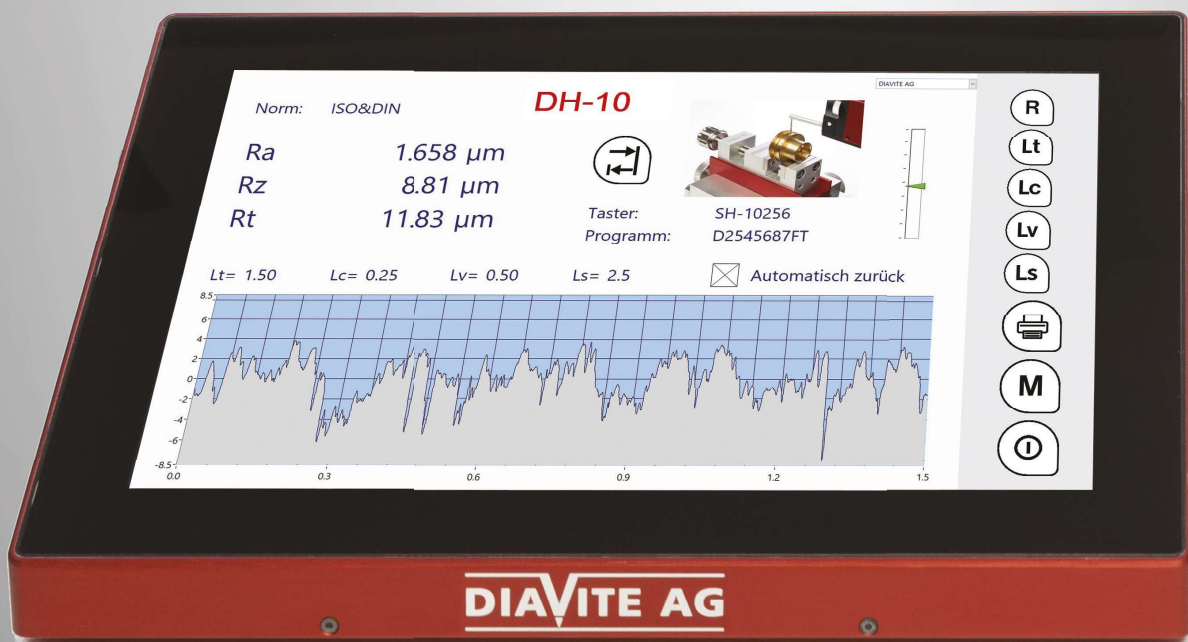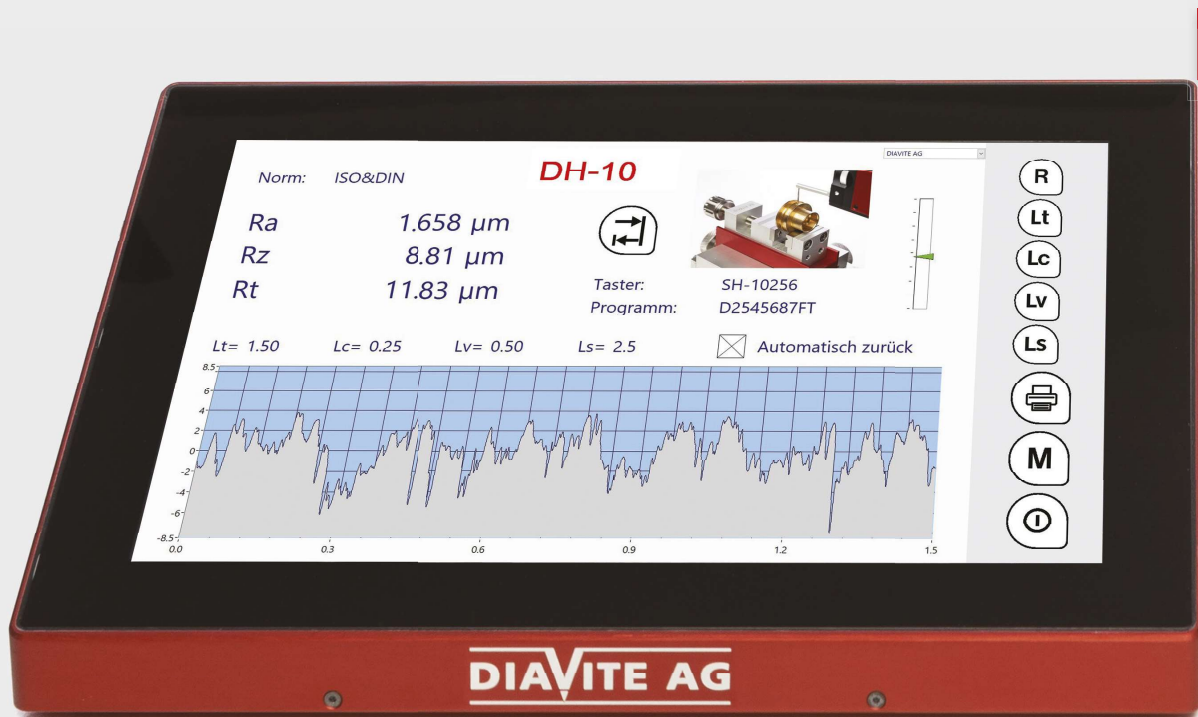
R
Lt
Lc
Lv
Ls
M

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ROUGHNESS MEASUREMENT SYSTEM
Made in Switzerland

DH-10 TOUCH One instrument for tracers without and with skid

With the DIAVITE DH-10 TOUCH you can work with tracers without and with skid. The entire DIAVITE tracer range is available to you with just one device! On the 10.1" Full HD Touch Display you will find all controls for a quick and easy measurement. You define the measurement (measuring length, filter, speed, etc.) and save it with an image and corresponding protocol. Via the menu or a barcode scanner you select the program and execute it. The protocol is then printed via LAN (WLAN/ Bluetooth) or stored on the server, USB stick on the previously defined path. You have the choice whether to save in PDF, CSV or TXT format. A statistical evaluation of several measurements can also be recorded.

ROUGHNESS MEASUREMENT

› High-precision roughness measuring instrument for universal use in workshops and measuring rooms
› Automatic calibration
› 5 measuring sections all adjustable 0.5 to 15.0 mm
› Adjustable measuring speeds
› Calibration of up to 8 tracers
› Saving measurement conditions with image
› Many tracers for almost all measuring tasks, including customer-specific solutions
› Simple menu navigation, multilingual
› Tolerance display
› Accessories for many applications, indispensable when working with tracers without skid
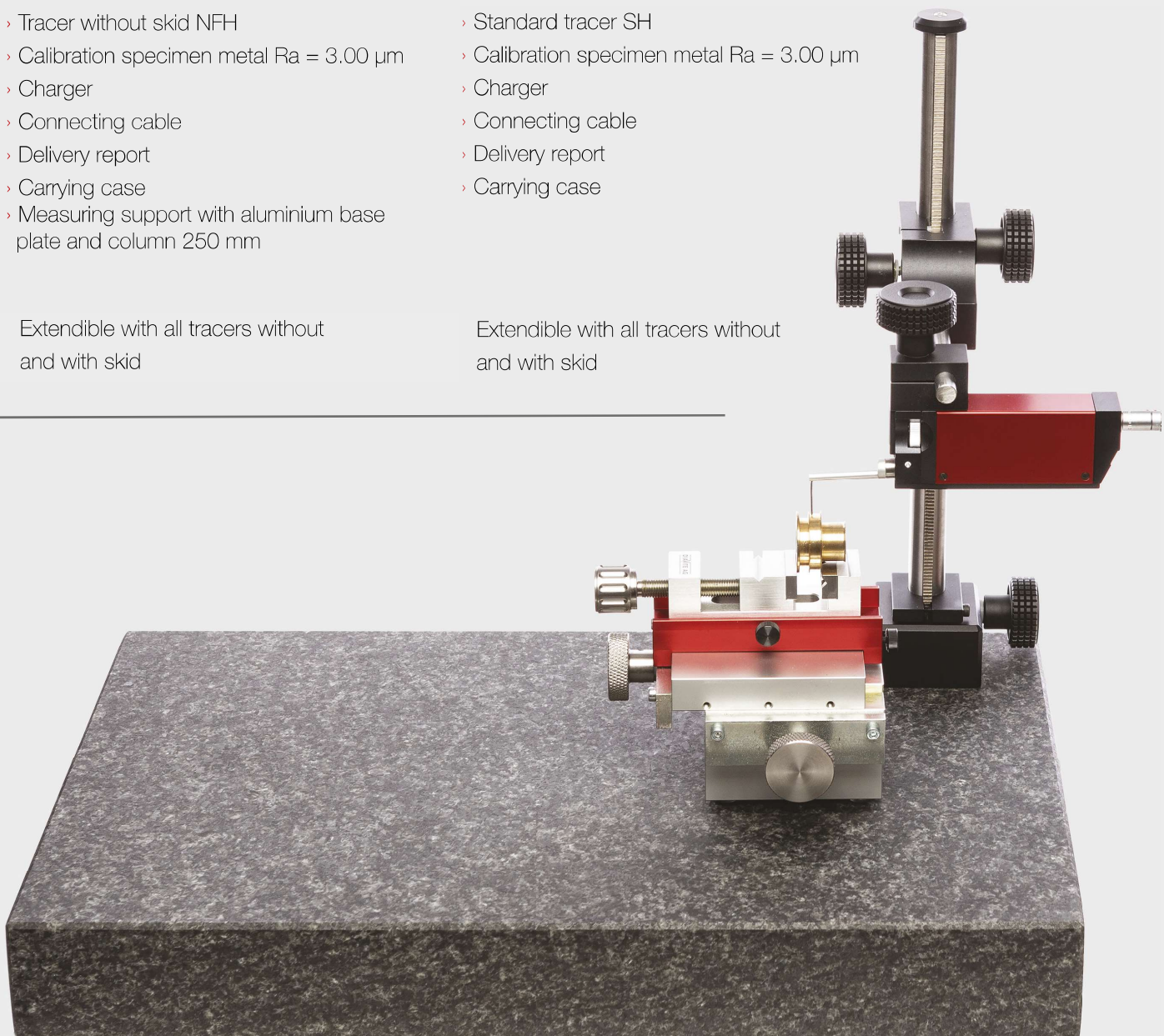
VERSION TRACER WITHOUT SKID

› DIAVITE DH-10 TOUCH
› Motor unit VHF
› Tracer without skid NFH
› Calibration specimen metal Ra = 3.00 µm
› Charger
› Connecting cable
› Delivery report
› Carrying case
› Measuring support with aluminium base plate and column 250 mm

Extendible with all tracers without
and with skid

VERSION TRACER WITH SKID

› DIAVITE DH-10 TOUCH
› Motor unit VHF
› Standard tracer SH
› Calibration specimen metal Ra = 3.00 µm
› Charger
› Connecting cable
› Delivery report
› Carrying case

Extendible with all tracers without
and with skid

TECHNICAL DATA	DIAVITE DH-10 TOUCH
Parameters roughness	› 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
Parameters profile	› ISO/DIN: Pa, Pz, Pt, Pq, Pmr, PPc, Pmax
Measurement ranges	› Ra, Rq: 0 – 20.00 µm | 0 – 800 µin › All other measurement values: 0 – 350.0 µm | 0 – 1400 µin
Display	› Ra, Rq: 0.001 µm › All other measurement values: 0.01 µm
Connections	2x USB-3.0 / 1x mini HDMI / 1x LAN/RJ45
Humidity	max. 80 %, non-condensing
Languages	German, English, French, Italian, Spanish, Polish, Chinese
Tracing system	Analog Hall effect technology with high linear output signal
Cutoff	0.08 mm / 0.25 mm / 0.8 mm / 2.5 mm / "OFF" for profile parameters
Tracer tip	Diamond tip: 5 µm, 90° (standard) or 2 µm, 60° (option)
Measurement range in Z	approx. 450 µm
Static measuring force	Tip < 0.5 mN
Static tracking force	Skid < 0.15 N
Tracing speed	0.25, 0.5 and 1.0 mm/s
Reverse speed	approx. 1.0 mm/s
Motor unit	VHF (for all tracers without and with skid), measuring length 0.48 to 16 mm
Device dimensions (LxWxH)	approx. 265 x 175 x 75 mm
Motor unit dimensions	approx. 20 x 33 x 136 mm (with supporting shoe)

* An overview of all suitable tracers can be found in our main catalog on pages 18-21

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OUR SALES PARTNERS: