

DIAVITE DH-10 TOUCH

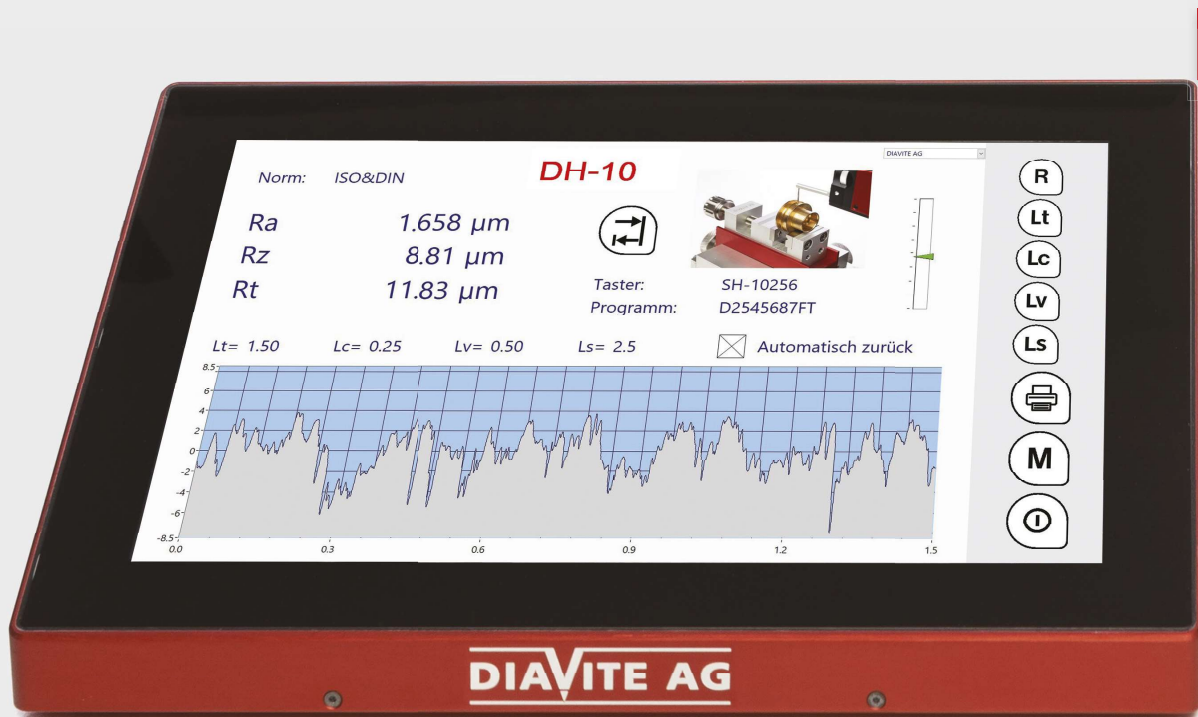


ROUGHNESS MEASUREMENT SYSTEM
Made in Switzerland

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

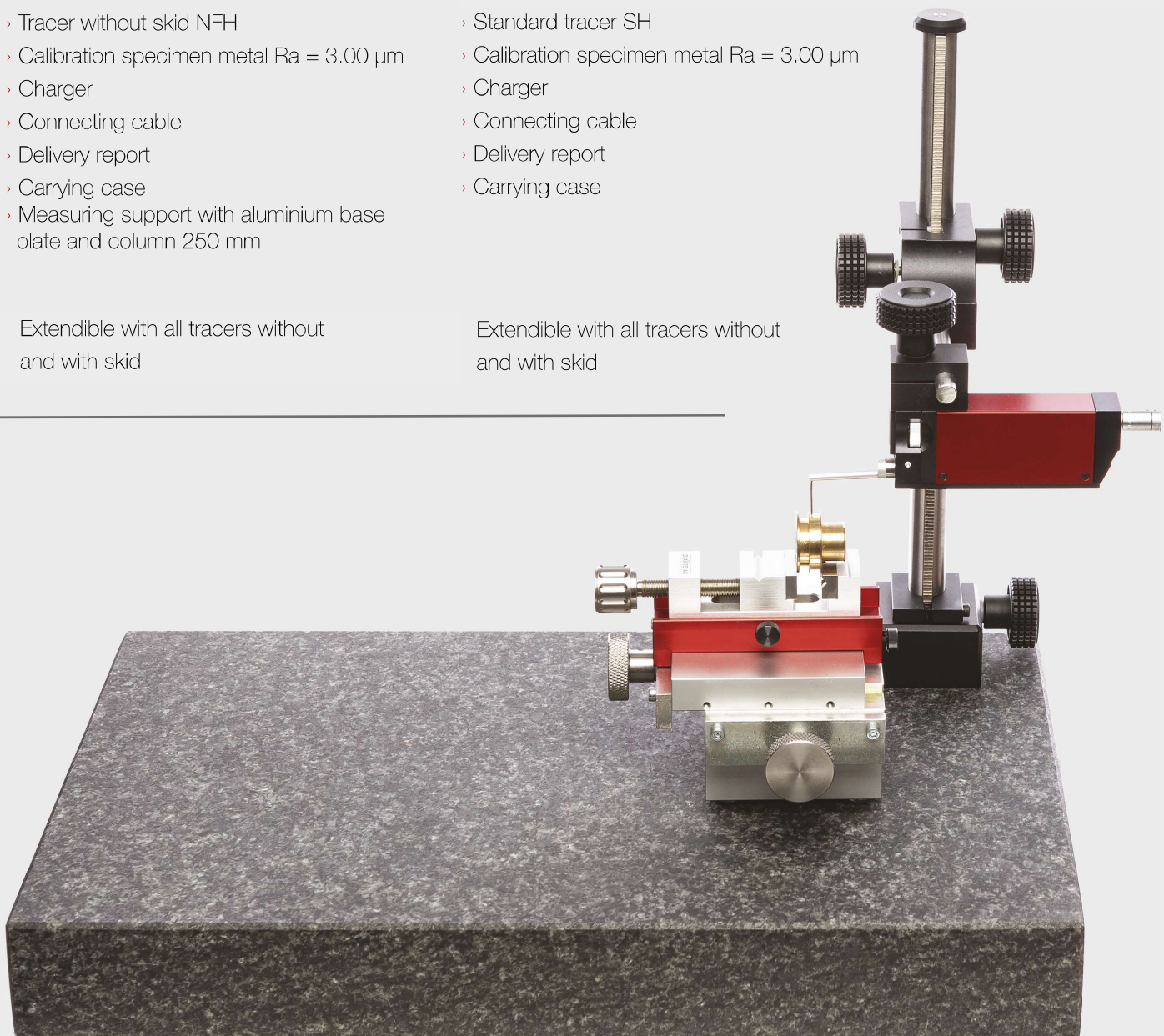
- › DIAVITE DH-10 TOUCH
- › Motor unit VHF
- › Tracer without skid NFH
- › Calibration specimen metal Ra = 3.00 µm
- › Charger
- › Connecting cable
- › Delivery report
- › Carrying case
- › Measuring support with aluminium base plate and column 250 mm

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 | <ul style="list-style-type: none"> › ISO/DIN: Ra, Rz (DIN), Rmax, R3z, Rt, Rq (RMS), Rk, Rp, Rv, Rpk, Rvk, MR1, MR2, R_{Pc}, C1, C2, contact ratio R_{mr}, C0, Cz, V0, R_{dg}, RL0 › JIS: Ra (JIS), Rz (JIS) › ISO 12085: R, AR, Rx |
| Parameters profile | › ISO/DIN: Pa, Pz, Pt, Pq, Pmr, PPc, Pmax |
| 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 |
| 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

DIAVITE AG

OUR SALES PARTNERS:

DIAVITE AG