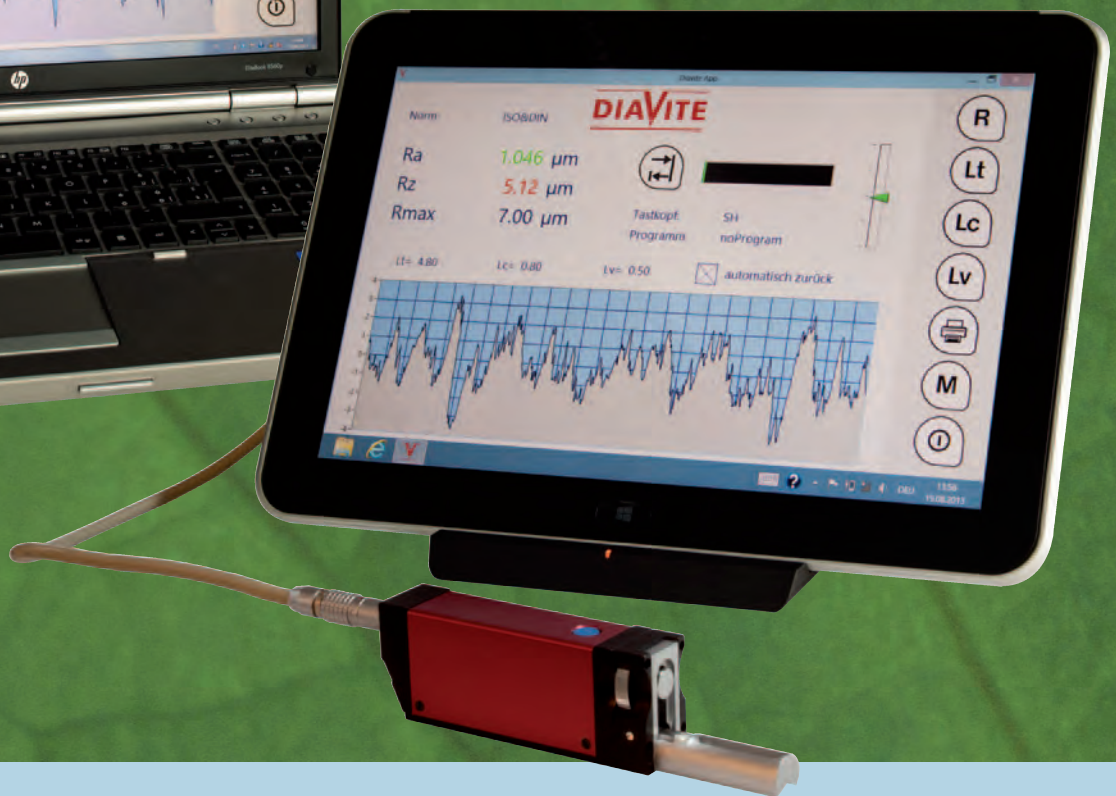


## DIAVITE DH-8/App

CONNECT TO ANY WINDOWS PC,  
LAPTOP AND TABLET



### DIAVITE DH-8/App – the software which makes of every Windows computer a roughness meter!

For mobile application or a permanent place of measurement. Depending on the application can the DIAVITE DH-8/App be connected to a tablet or a PC and the software installed. Turn your computer into a roughness meter and take advantage of the new possibilities of data transfer, storage, documentation of measurements and much more. The app may be installed on different computers, where just the evaluation unit using the USB cable must be connected.



#### SURFACE ROUGHNESS MEASUREMENT

- › High precision surface roughness meter for universal use in workshop and inspection room
- › Automatic calibration
- › Memory for measurements
- › 5 measuring length, all selectable between 0.5 and 15.0 mm
- › Measuring speed selectable
- › Calibration for max. 8 tracers
- › measuring programs
- › Choice of many types of tracers to solve nearly all measuring tasks, also customer specific ones
- › User friendly comprehensive multilingual menu guidance

- › Tolerance indication for measuring values exceeding permissible allowance set
- › Key lock for Lt, Lc and R to prevent any settings being changed by mistake during measuring procedure
- › Numerous accessories for many applications, needed for working with skid less tracers

#### SCOPE OF SUPPLY

- › Instrument PC-8
- › Motor unit VH or VHF
- › Standard tracer SH
- › Specimen metal Ra = 3.00
- › Charger
- › Connecting cable
- › USB-connecting cable
- › Screw driver
- › Instruction manual
- › Certificate of quality
- › Carrying case
- › DIAVITE App

TECHNICAL DATA	DIAVITE DH-8/App	
Parameters	<ul style="list-style-type: none"> <li>➤ ISO/DIN: Ra, Rz (DIN), Rmax, R3z, Rt, Rq (RMS), Rk, Rp, Rv, Rpk, Rvk, MR1, MR2, Rpc, C1, C2, percentage contact area, C0, Cz, V0, Rdg, RL0</li> <li>➤ JIS: Ra (JIS), Rz (JIS)</li> <li>➤ ISO 12085: R, AR, Rx</li> <li>➤ additional parameters possible with optional PC software Diasoft (option)</li> </ul>	
Measuring range	<ul style="list-style-type: none"> <li>➤ Ra, Rq: 0–20.00 µm   0–800 µin</li> <li>➤ All other measuring values: 0–350.0 µm   0–1400 µin</li> </ul>	
Resolution	<ul style="list-style-type: none"> <li>➤ Ra, Rq: 0.001 µm</li> <li>➤ All other measuring values: 0.01 µm</li> </ul>	
Output	USB interface	
Humidity	max. 80 %, not condensing	
Languages	German, English, French, Italian, Spanish, Polish	
Tracing system	Analog hall effect technology with high linearity output signal	
Diamond tip	Radius: 5 µm, 90° (standard) or 2 µm, 60° (option)	
Tracing skid	25 mm (standard tracer)	
Static measuring force	Stylus < 0.5 mN	
Static tracking force	Skid < 0.15 N	
Tracing speed	0.25, 0.5 and 1.0 mm/s	
Reverse speed	1.0 mm/s	
Motor unit	VH (tracer with skid) or VHF (all tracers with and without skid)	
Dimensions instrument	145 x 80 x 30 mm	
Dimensions motor unit	ca. 20 x 33 x 136 mm (with supporting shoe)	

**Made in Switzerland**

Specifications subject to change without prior notice!

General Agent for Thailand:



**MAX VALUE TECHNOLOGY CO., LTD**  
 261 Soi On-Nuch 17 yak 16, Sukhumvit 77 Rd.,  
 Suanluang, Bangkok 10250 Thailand  
 Tel : +66 (0) 2717 7199 Fax : +66 (0) 2300 2272  
 E-mail : sales@maxvalue.co.th  
 Website : www.maxvalue.co.th

# DIAVITE AG

**DIAVITE AG**

Weieracherstrasse 5  
 8184 Bachenbülach  
 Switzerland

Fon +41 (0) 43 411 10 20  
 Fax +41 (0) 43 411 10 21  
 Mail info@diavite.com

Web [www.diavite.com](http://www.diavite.com)