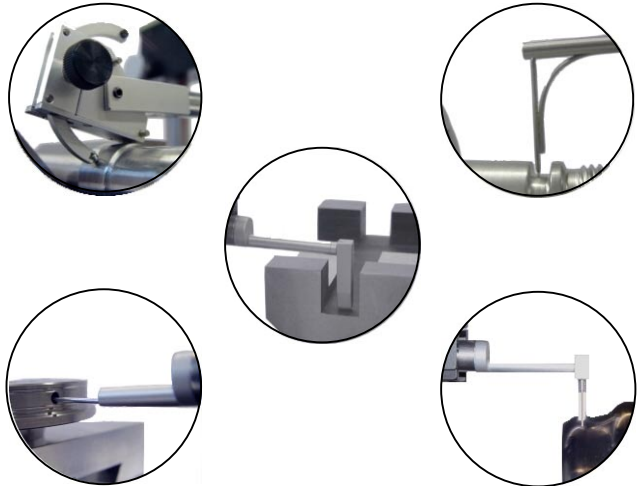


# DIAVITE DH-7

The solution for solving nearly all measuring problems



Tracers for nearly all measuring problems

## Characteristics

- Traversing lengths: fixed 0.5/1.5/4.8/15.0 mm
- Traversing lengths freely selectable from 0.5 to 15 mm
- Cut off 0.08/0.25/0.8/2.5
- Shortened cut off selectable
- Measuring range up to 200  $\mu\text{m}$
- Roughness units DIN/ISO Ra/Rz/R3z/Rmax/Rt/Rq
- Roughness units JIS Ra/Rz
- Roughness units ISO 12085 (CNOMO) R/AR/Rx
- Roughness units Rmr (Tp) printed
- Roughness units (option) Rpc/Rk/Rpk/Rvk/Mr1/Mr2
- Filter Gauss according to DIN EN ISO 3274
- Print out of roughness units/profiles/bearing portion
- Memory for 20 measuring profiles
- Automatic calibration
- Serial interface with UBS cable
- Traversing unit with integrated start release button
- Key lock for protection of effected settings

## Description

The DIAVITE DH-7 is a surface roughness meter easy to handle, for workshop or laboratory use. With its great versatility (also free tracers) and the small dimensions of the traversing unit, more surfaces to be measured are accessible than with usual systems.

A rechargeable battery allows mobile application and memorizing of results. These can be transferred to the integrated printer or to the PC by means of the interface.

With the evaluation software DIASOFT (option) the measuring results can be processed further or, without additional software, conveyed from DH-7 to Excel for statistics.

## Delivery DH-7 comprises:

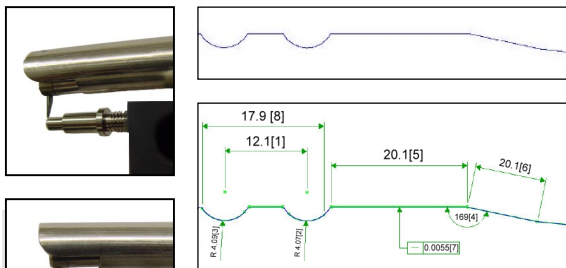
Carrying case containing main unit DH-7, traversing unit, standard tracer, connection cable, electric mains unit **and calibration piece.**

## CONTOUR MEASUREMENTS (OPTION)

Only possible with version VHF

### Characteristics:

- Measuring range X: from 0.5 to 15.0 mm
- Measuring range Z: max. 6 mm
- Tracing angle: falling flanks up to 88°  
rising flanks up to 77°



### Delivery comprises:

- Contour tracer (KH)
- DIASOFT Contour ('Standard' or 'Expert')

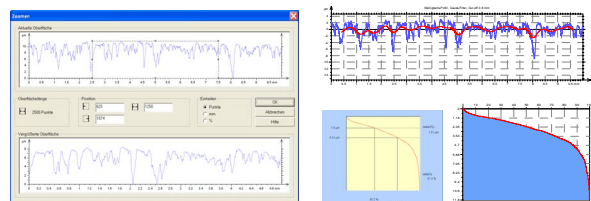
## DIASOFT (OPTION)

The complementary software for extension of DIAVITE DH-7 to measure supplementary roughness units and to memorize further profiles, for analysis and comparison. This software is available in 3 different versions:

**"Basic": Basic programme comprising Ra, Rq, Rv, Rp, Rt, Sm, Rsk, Rku, Rz, RTp, RHTp, RDq, RPlc, profile-curve, Abbott-curve, etc.**

**"Standard":** with supplementary parameters RLq, Rlo, RzJIS, R3z, waviness and roughness profile on the same curve, zoom functions, symmetry, comparison of profiles etc.

**"Expert":** The most complete software programme for today and the future, indispensable for the specialist.



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