

# RABITO RA

Internal Precision Measuring Instrument

Oskar Schwenk GmbH & Co. KG  
Esslinger Straße 84  
D-70736 Fellbach

Phone: + 49 (0) 7 11 / 575 50-0  
Fax: + 49 (0) 7 11 / 575 50-11

E-mail: [info@oskar-schwenk.de](mailto:info@oskar-schwenk.de)  
Internet: [www.oskar-schwenk.de](http://www.oskar-schwenk.de)



**Application**

Due to its universal and rugged construction, the RABITO is suited for the use in the precision room, in the production as well as in the incoming and final inspection. Single work pieces as well as series products can be checked efficiently.

The handling is easy and requires no special skill. When oscillating the measuring instrument in the direction of the measuring axis, the point with the minimum value is automatically passed through, which can be seen on the direction change of the pointer on the dial. Mechanical and digital dial gauges (ideally with min/max storage) and electronic probes with clamping-Ø 8 h6 can be used. The well proven repair and spare parts service is also ensured.

**Delivery volume**

Instrument holder with steel measuring pins and increment washers in wooden box, without indicating unit, without master setting rings.

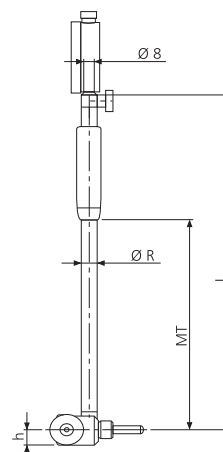
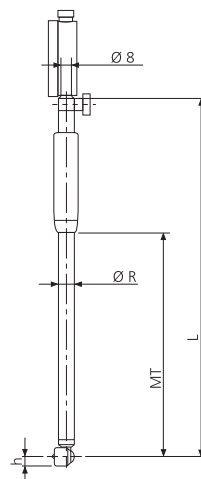
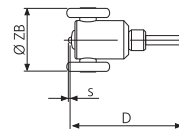
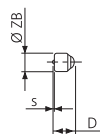
The RABITO is a comparator gauge to measure bores from 18 - 150 mm diameter. The design is based on the well proven principle of the SUBITO, the transmission of the travel is via a segment. Whereas the Original SUBITO is designed to satisfy the highest quality requirements, the more cost efficient RABITO was conceived to meet high accuracy demands.

**Internal Precision  
Measuring Instrument  
RABITO RA**

application range D	mm	mm	mm	mm
from	18	35	50	150
to	35	60	150	300
travel s	1,3	1,4	1,4	1,4
meas. depth MT	176	178	178	178
total length L	284	286	286	286
tube-Ø R	12	12	12	12
front distance h	7,25	10,5	13	13
centring width ZB	14,5	28	43	77
no. of meas. pins	9	6	11	11
no. of increment washers	2	3	3	3

**Technical Data :**

Repeat accuracy R: ≤ 1µm  
Limit of error G<sub>e</sub>: ≤ 3µm



RA 18 - 35

RA 50 - 150

