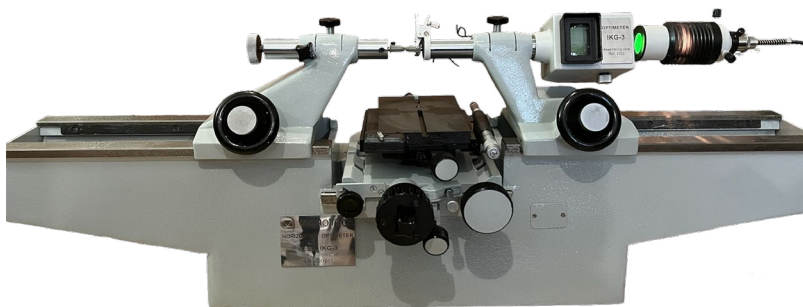




HORIZONTAL OPTIMETER IKG-3

USER MANUAL



Calibration ISO 17025:2017

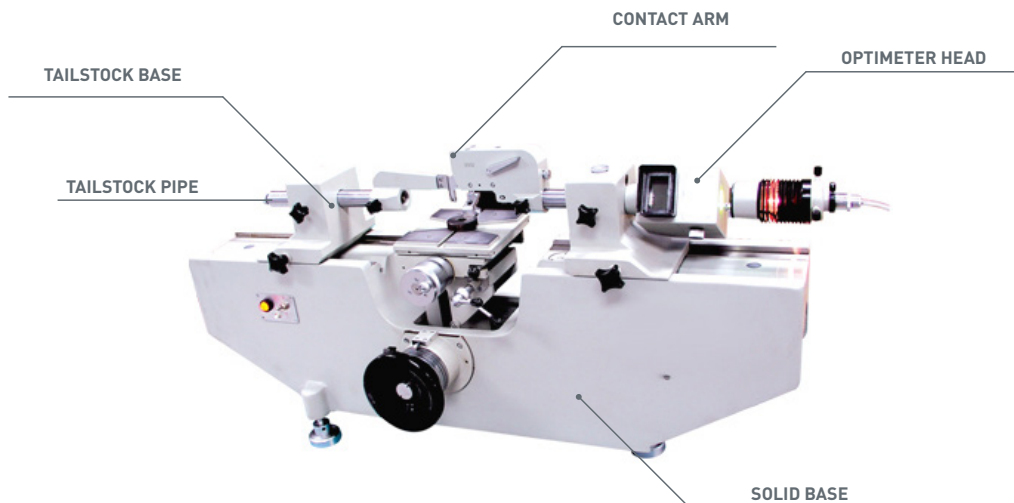
ISO 9001
BUREAU VERITAS
Certification



ISO 9001:2015



Item No	Range		Resolution	Pressure	Accuracy	Display stability	Working table			Size	Weight
	Internal	External					Vertical	Horizontal	Load		
	mm	mm	mm	N	μ m	μ m	mm	mm	kg	mm	kg
IKG-3	13.5-500 / 26,5-500	0-500	0,001	2	0.25 ext	0.1 ext 0.5 int	100	25	10	1000x370x620	80



COMPLECTATION

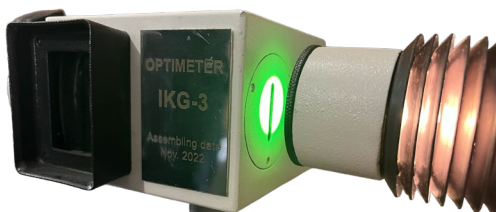
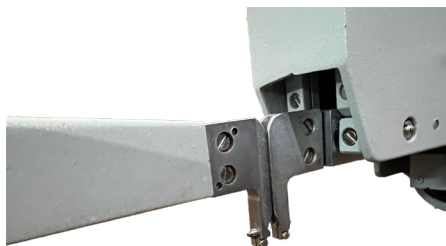
- SOLID OPTIMETER BASE
- OPTIMETER HEAD
- TAILSTOCK BASE
- TAILSTOCK PIPE
- BIG CONTACT ARMS SET
- SMALL CONTACT ARMS SET
- CONTACT TIPS SET
- PACKING IN WOODEN BOX

INSTALLATION AND MEASURING



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1. Install Horizontal optimeter on solid surface using precision bulb level.
 2. Temperature conditions during a measuring must be 20 ± 0.5 C to reach requested accuracy.
 3. Horizontal optimeter IKG-3 is using for precision relative internal and external measurements.
 4. Range of optical display 0.1mm.
 5. Install requested measuring contact arms or tips and fix it by screw.
 6. Switch on optimeter head and set zero setting using adjustment screw.
 7. Use fine adjustment on measuring table to positioning and measuring details.
 8. **SWITCH OFF CONTACT TIPS before installing CONTACT ARMS.**
- Contact tips can be damaged during incorrorect contact arms installation.





MICROTECH

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innovative measuring instruments

61001, Kharkiv, Ukraine, str. Rustaveli, 39

tel.: +38 (057) 739-03-50

www.microtech.ua

tool@microtech.ua

Change without prior notice