

QuaNix[®]

KEYLESS

The Only Fully Automatic
Coating Thickness Gauge
With Radio Control Probe

- Automatic Zeroing
- No Calibration
- Mobile Miniaturised Radio Control Probe
- One Hand Operation For All Applications
- Automatic On / Off
- Proven Hall Sensor Technology
- Measuring Over All Metals

KEYLESS
MEASUREMENT[®]

No Keys - No Buttons - No Cables - No Connectors
Now with extended measuring range
and programmable limits



AUTOMATION
DR.NIX GmbH

General

Coating thickness gauges of **Automation Cologne** have set standards because of the excellent price/feature relation and an optimum user friendly operation. With the **QuaNix® Keyless** model the company again made a giant step ahead:

While calibration has not been necessary for the QuaNix gauges on all standard applications for years, **the zeroing of both sensors is fully automatic for the new keyless gauge.**

The miniaturised combination probe can be taken out of the gauge and transfers the measuring data by radio control.

Features

- Proven Hall sensor technology
- Miniaturised mobile probe for measuring over all metals
- Automatic zeroing
- Automatic probe recharge in the basic gauge
- No calibration
- Excellent accuracy
- Optimum handling
- One hand operation for all applications
- No keys, no buttons, no menus
- No cables, no connectors
- Signal transfer by radio control
- RS 232 interface standard in all gauges for data transfer to PC
- Programmable limits

Technical Data QuaNix® Keyless

Substrate	Steel and iron	Fe-probe
	Non-magnetic Metals, e.g. Aluminium, Copper, Brass	NFe-probe
Measuring Range	Fe	0.0 - 5000 µm
	NFe	0.0 - 2000 µm
Display of Readings	from 0.0 - 999 in µm from 1.00 in mm	
Accuracy	±(1µm + 2%*) in the range of 0 - 2000 µm ±3,5 %* in the range of 2.00 - 5.00 mm (* of reading)	
Minimum Measuring Area	10 x 10 mm	
Minimum Curvature	5 mm convex 25 mm concave	
Minimum Substrate Thickness	Fe : 0.2 mm NFe: 0.05 mm	
Temperature Range	0°C - 50 °C	
Display	Digital (LCD)	
Interface	RS232	
Probes	One Point	
Power Supply of Basic Instrument	2 x 1,5 V Mignon Battery (alkaline)	
Power Supply of Probe	Akku, recharged by basic instrument	
Capacity of Probe	ca. 4000 Readings	
ISM Frequency Band	Europe 868 MHz , USA 916 MHz	
Radio Transmission Range	20 m max.	
Dimensions	110 mm x 62 mm x 22 mm	
Weight	ca. 130 g	
Memory Capacity (optional)	up to 4000 values	
Memory Blocks (optional)	up to 999	
Statistics (optional)	Mean, Maximum, Minimum, Standard Deviation	
Limits	programmable via optionally available PC-software	

Technical data subject to changes without notice



Scope of supply

- Coating thickness gauge
QuaNix® Keyless
- 2 x 1,5 V Mignon battery
- Carrying bag
- Instruction manual

Options

- Memory/statistical functions
- PC-software compatible with
Win 98+ and RS 232 interface cable



001

Automation

DR. NIX GmbH

Robert-Perthel-Str. 2 · D-50739 Köln
Tel. +49 (0) 221-917 455-0
Fax +49 (0) 221-1712 21
e-mail: sales@automation.de
Internet: www.automation.de

Automation
DR. NIX USA

P.O.Box 563 21157 Westminster MD
Tel. 001-410 857 3819
Fax 001-410 857 3818
e-mail: sales@automation-usa.com
Internet: www.automation-usa.com