

## **REDMARK INDUSTRY SDN. BHD.** (935155-U)

KUALA LUMPUR (HQ)

No. 141-2, Jalan Radin Bagus, Bandar Baru Sri Petaling, 57000 Kuala Lumpur.

#### PENANG BRANCH

7206, Mez Floor, Kompleks Perniagaan Pangsapuri Seri Cemerlang, Jalan Kampong Paya, 12200 Butterworth, Penang.

#### JOHOR BRANCH

No.25, Jalan Bestari 24/3, Taman Bestari Indah, 81800 Ulu Tiram, Johor.

T: +603 - 9054 6939 F: +603-90545 7939 M: +6012-499 2103 / +6013-399 2103 (Penang) / +6017-228 2103 (Johor) E: sales@redmarkindustry.com

# Infex 8 Series Integrated Roughness and Contour Measuring Instrument



Cost-effective roughness and contour one time measurement solution. Adopt high rigidity, high accuracy, maintenance-free linear motion guide rail, can control the measuring system with high precision performance.



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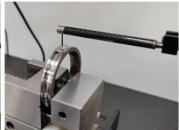
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<u>Application</u> Case









# **Technical Specification**

Model		Infex 10
Column	Measuring range	0-620mm optional
Drive unit	Measuring range	0-220mm optional
	Indicating accuracy	$\pm (0.8 + 2L/100) \mu m$
	Straightness	≤0.3µm/100mm
Detector	Measuring range	±10mm
	Z1 axis contour indicating accuracy	≤±(0.8+ 0.12H )μm
	Z1 axis roughness indicating accuracy	≤±(8nm+3.5%)
	Repeatability	1δ≤2nm
	Residual noise	≤0.012μm
	Stylus	Standard,diamond 5μm/90°
Measuring accuracy	Arc	≤±(1.2+R/12)μm
	Arc Pt	≤±0.3μm
	Angle	≤±1′