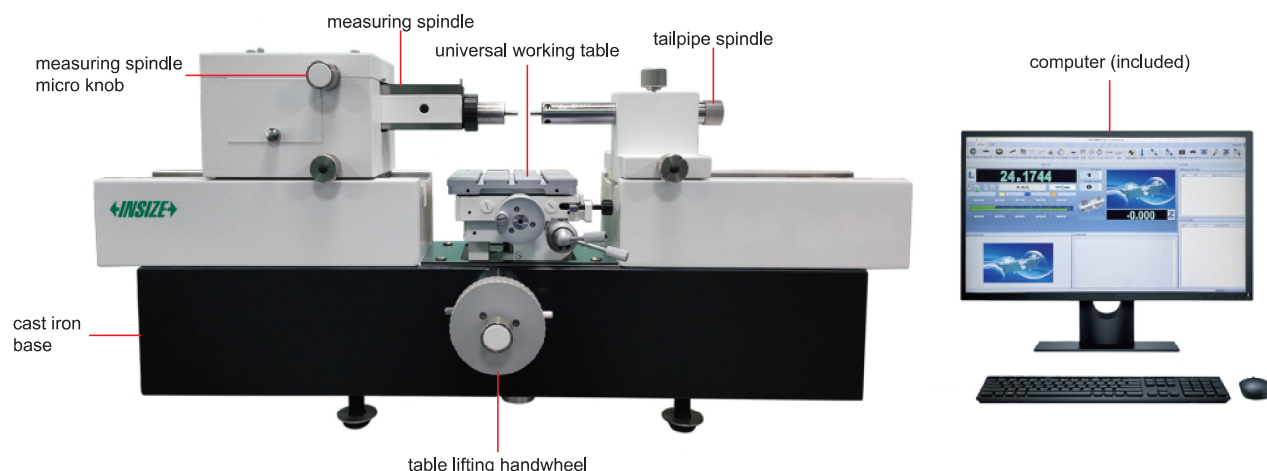


## LENGTH MEASURING INSTRUMENT CODE ISQ-ELM670



- High quality cast iron base with good stability
- High-precision measuring system, structure in accordance with the Abel principle, high measurement accuracy
- A wide range of accessories comes standard to meet different measurement needs
- Powerful software with automatic identification of inflection points

### SPECIFICATION

Range	external size	absolute measurement: 0~100mm relative measurement: 0~670mm
	internal size	small measuring hook (when maximum extending in depth up to 12mm, the maximum arm thickness of 50mm): 10~400mm
		large measuring hook (when maximum extending in depth up to 50mm, the maximum arm thickness of 85mm): 30~370mm
		electric measuring hook: 1~60mm
		universal measuring hook: 14~112mm
	internal thread center diameter measuring device	small measuring hook: small screw diameter of 13~30mm large measuring hook: small screw diameter of 31~2×(70-wall thickness)mm screw pitch: 0.5~6mm
	external thread center diameter measuring device	≤200mm (screw pitch: 0.25~6mm)
Resolution		0.1μm
Measuring force		0, 1.5N, 2.5N
Variability of the instrument display value	external size	2σ≤0.3μm
	internal size	2σ≤0.5μm
Accuracy (20°C±0.2)	absolute measurement for external size	≤0.5μm
	absolute measurement for internal size	≤1μm
Fitting size for the measuring caps internal diameter		Ø6H7
Universal working table	working table size	160×160mm
	range of height adjustment	0~100mm
	transverse travel	25mm
	Y axis gradient	±3°
	rotation of the working table	±4°
	permissible load	10kg
Working environment	temperature	20±0.5°C
	humidity	≤60%RH
Power		220V, 50Hz
Dimension (L×W×H)		960×390×450mm
Weight		150kg

**STANDARD DELIVERY**

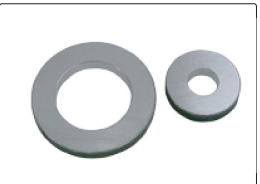
Main unit		1 pc
Computer		1 pc
Software		1 set
Printer		1 pc
Universal working table		1 pc
Internal testing device	large measuring hook	1 pair
	small measuring hook	1 pair
	standard ring gauge (Ø14mm, Ø50mm)	2 pcs
	fixed tail pipe	1 pc
Measuring device for internal thread centre diameter	round floating table	1 set
	spherical probes	1 set (11 pairs)
	60° measuring gauge	1 pair
	measuring block grinding frame	2 pcs
Measuring device for external thread centre diameter	3-wires bracket	1 pair
	horizontal ejector pin bracket	1 pc
Electronic measuring device	insulated work bench	1 pair
	spherical measuring heads	1 set
	support arm	1 pc
	5W transformers	1 pc
Ø2mm small plane cap		2 pcs
Ø8mm medium plane cap		2 pcs
Ø14mm large plane cap		2 pcs
Medium blade shape measuring cap		2 pcs
R20 spherical cap		2 pcs
Long screw flexible platen		3 pcs
Flexible platen		1 pc
Single V-stand		1 pc
Double V-stand		1 pc



large measuring hook (included)



small measuring hook (included)



standard ring gauges (included)



round floating table (included)



measuring block grinding frames (included)



3-wires bracket (included)

**OPTIONAL ACCESSORY**

3-wires	7394	Ø0.118~Ø6.585mm
Indicator gauge bracket	ISQ-ELM-BS	1 pc
Universal hook	ISQ-ELM-UH	1 pc
Universal measuring hook foot	ISQ-ELM-UF	1 set
Cruciform frame	ISQ-ELM-CF	1 pc
Tilted fixed frame	ISQ-ELM-TF	1 pc
Heightening bar	ISQ-ELM-HB	1 pair
55° measuring gauge	ISQ-ELM-MG	1 pair
Small blade shape measuring cap	ISQ-ELM-SC	2 pcs
Fixed probes	ISQ-ELM-FP	1 set



horizontal ejector pin bracket (included)



electronic measuring device (included)



spherical caps (included)



plane caps (included)



blade shape caps (included)



single V-stand (included)



indicator gauge stand (optional)



universal hook (optional)



cruciform frame (optional)



tilted fixed frame (optional)