

# LENGTH PRESETTERS (MOTORIZED/MANUAL)

←INSIZE→PLUS

INSPECTION  
CERTIFICATE

REPLACING RING GAUGES  
AND GAUGE BLOCKS

CAN BE USED  
IN WORKSHOPS

ATTENTION: WORKING TEMPERATURE 10-35°C,  
TEMPERATURE CHANGE  $\leq 1^\circ\text{C/h}$

ATTENTION: ADAPTERS ARE NEEDED



ISQ-M300

- Used to set and calibrate various measuring tools, such as bore gauges, multifunctional calipers, internal/external snap gauges, three-point internal micrometers, tubular inside micrometers, calipers, micrometers, etc
- Manual mode can be used to measure workpieces
- Stores up to 100 positions (OD + ID)
- Can preset any position and save it
- Can set the step distance and move continuously
- The built-in steel strip grating ruler has the same temperature expansion coefficient as the steel workpiece, so length presetters can be used in workshops
- Connect the upper computer and MES system through Modbus protocol

need to select adapters based on different measuring tools



measuring workpiece  
dimensions in manual mode



bore gauge  
zero setting and calibration



tubular inside micrometer  
zero setting and calibration



dial comparator  
zero setting and calibration



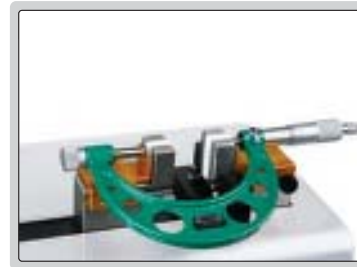
internal/external snap gauges  
zero setting and calibration



caliper  
zero setting and calibration



three-point internal micrometer  
zero setting and calibration



micrometer  
zero setting and calibration

## SPECIFICATION

Code		ISQ-M300	ISQ-M600	ISQ-M1000	ISQ-M1500	ISQ-M2000	ISQ-M3000
Range	inter diameter	0.1~260mm	0.1~560mm	0.1~960mm	0.1~1450mm	0.1~1950mm	0.1~2950mm
	outer diameter	40~300mm	40~600mm	40~1000mm	40~1490mm	40~1990mm	40~2990mm
Resolution		0.5μm					
Accuracy		(1.5+L/500)μm, (L is measuring length in mm)					
Repeatability		0.8μm					
Zeroing method		motorized, manual					
Interface		ETHERNET, USB					
Environment requirement		temperature: 10~35°C, temperature change: ≤1°C/h					
Power		100~240V					
Weight		80kg	140kg	360kg	450kg	650kg	1500kg

## OPTIONAL ACCESSORY

Adapter	need to consult based on specific measuring tools
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