

# Weimi Measurement LT11 automatic double laser thickness gauge

Accurate, simple calibration, and not afraid of shaking and vibration  
The measurement data is stable and the measurement accuracy can  
reach  $\pm 1 \mu\text{M}$



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## Instrument Features

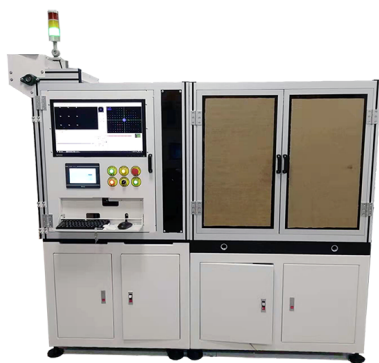
The full-automatic double laser thickness gauge adopts non-contact measurement, which is more accurate than the contact thickness gauge and will not lose accuracy due to wear. Compared with ultrasonic thickness gauge, laser thickness gauge has higher accuracy. Compared with X-ray thickness gauge, laser thickness gauge has no radiation pollution.

Advantages of Weimi Measurement LT11 automatic double laser thickness gauge:

It is extremely convenient to use, accurate, simple to calibrate, not afraid of shaking and vibration, stable and reliable operation, **stable measurement data and measurement accuracy of  $\pm 1 \mu\text{M}$** .

Laser thickness gauge can measure the thickness of almost all materials, such as steel plate, polymer material, new energy battery, new energy material, battery electrode, rubber, transparent film, aluminum foil, copper foil and copper sheet.

The automatic double laser thickness gauge can measure and control online and in real time in the production process. On the one hand, the enterprises applying the equipment can obtain direct economic benefits by improving the product quality and grade, on the other hand, they can also reduce the raw material consumption and greatly reduce the scrap rate to achieve considerable indirect economic benefits.



## Model Parameters

Model		LT11
Overall dimension L*W*H (mm)		1500*1300*1500
Measuring range (mm)	X	500 (Customizable)
	Y	400 (Customizable)
	Z	200 (Customizable)
Workbench	Worktable (mm)	600*500 (Customizable)
	Bearing(kg)	50
Total weight (kg)		1000
Laser spot diameter parameter		0.02-0.5mm
Linear accuracy (um)		2+L/300 (L Refers to the length of the measured object, unit:mm)
Repetition accuracy (um)		$\pm 1$
Positioning accuracy (um)		$\pm 1$
Lighting		LED light
Temperature and humidity		Temperature range: 15-30°C, Relative temperature: 20-80% (Non-condensing)
Power Supply		220V $\pm$ 10% (AC) 50HZ
Machine power (w)		300