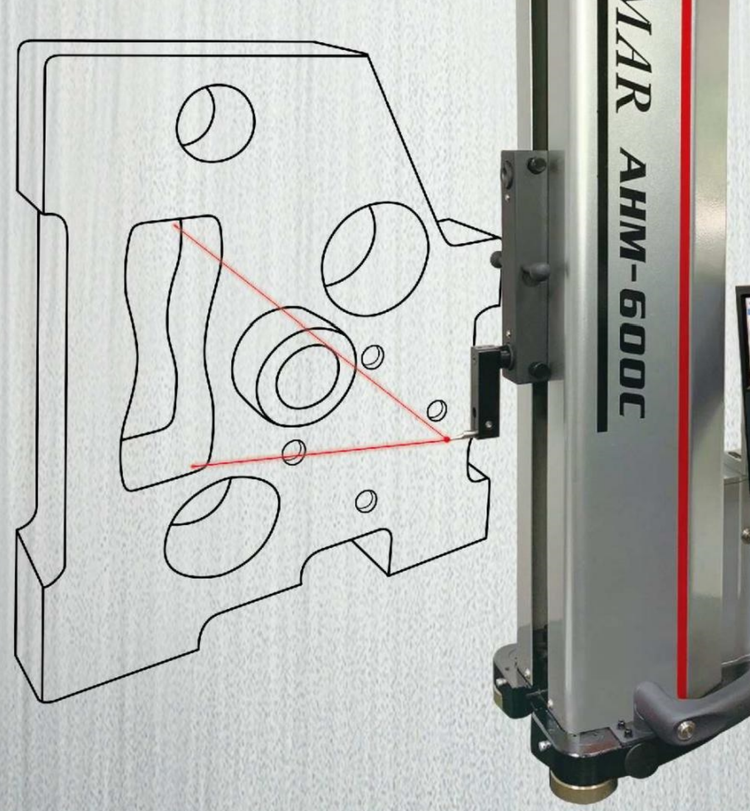
CARMAR ACCURACY CO., LTD

HEIGHT MEASURING INSTRUMENT

Carmar Auto Height Measuring Instrument is a standing digital con-coordinate measuring machine based on precision machinery, modern sensor technique and electronic technology. It is widely used in precision machinery, hardware, plastic, etc.

It can be used to measure the distance between two planes, depth of hole, groove width, and diameter, center distance, maximum and minimum value of hole and groove. In addition, when configured with electronic probe, it is possible to measure verticality



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Made in Taiwan

AHM-450C

AHM-600C

Features:

1. Outstanding accuracy performance, 2+L/500μm, Repeatability in plane: 1.0μm
2. One-touch functions allow multiple metrology measurements.
2. Pneumatic floatation in pedestal makes it easy to measure.
3. Granite Pneumatic floatation mechanical structure, high accuracy and small deformation at temperature difference.
4. Auto measuring- high efficiency, and high stability and reliability.
5. Verticality measuring is available for option.
6. Output data to RS232 allowed.

Specifications:

Model	AHM-450C	AHM-600C
Effective measuring range (mm)	450	600
Max. measuring height (mm)	770(change probe's direction)	920 (change probe's direction)
Resolution (μm)	0.5	
Accuracy (μm)	E1=(2+L/500)	
Verticality of front (um) (after e-probe is amended)	6	8
Repeatability	plane: 1.0μm. curve: 2.0μm	
Speed recommended(mm/s)	15	
Max. electrical speed(mm/s)	25	
Max. Manual speed (mm/s)	400	
Power supply	12V rechargeable battery pack	
Air supply	air pressure≧0.4Mpa, flow≧30/min	
Temperature	10-40°C	
Weight(kgs)	36	40
Total height (mm)	900	1050
Working conditions	20℃, temperature range ±1℃; relative humidity≤65%; Level 0 granite platform; Φ5 probe.	

We reserves the right to modify the specifications & will not inform individually.

Function: