

WORKSHOP COORDINATE MEASURING MACHINES

- Measurement efficiency is three times of ordinary CMM
- Built-in temperature sensor, real-time temperature compensation
- No need to wait for a constant temperature to use
- Ready to use when connected to the power supply, no compressed air required
- Can be connected with automated production lines, data management systems, intelligent control systems, etc.
- Easy to move, small footprint



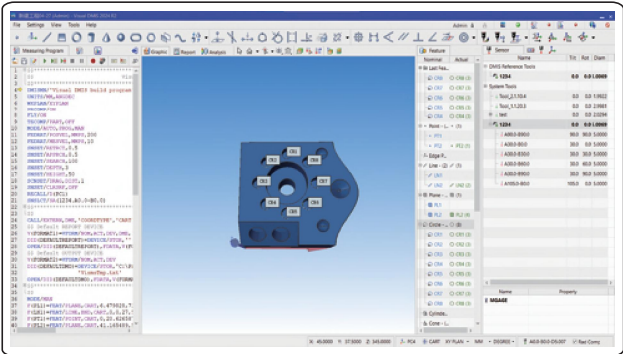
CMM-WM342A

SPECIFICATION

Code	CMM-WM342A	CMM-WM342B	CMM-WM565A	CMM-WM565B
Range	300×400×200mm		500×600×500mm	
Probe system	head	PH10T	MH20i	PH10T
	body	TP20	TP20	
Accuracy	MPEE	$\pm(2.7+L/200)\mu\text{m}$		$\pm(3.1+L/300)\mu\text{m}$
	MPEP	2.8 μm		3.2 μm
Max. load	50kg		150kg	
Overall dimension (L×W×H)	1130×1010×1990mm		1480×1250×2540mm	
Weight	800kg		1500kg	
Movement speed	860mm/s			
Moving acceleration	5000mm/s ²			



workshop specific software (included)



measurement software (included)

STANDARD DELIVERY

Main unit		1pc
Probe system	probr head	1pc
	probe body	1pc
	styli	1set
Control system		1set
Calibration sphere		1pc
Universal sphere seat		1pc
Computer		1pc
Software		1set
Temperature sensor		1set
Automation module		1set

OPERATION ENVIRONMENT

Working environment	temperature	10℃~40℃; <1℃/h, < 4℃/24h
	humidity	30%~70%
Calibration environment	temperature	20℃±2℃; <0.5℃/h, < 1℃/24h
	humidity	30%~70%
Power supply		220V±5%, 50HZ
Max. power		1000W
Shock		no source within 200 metres

MH20i SPECIFICATION

Angular movement with horizontal axis	0°~90° in 15 steps
Angular movement with vertical axis	±180° in 15 steps
Number of positions	168
Steering mode	manual
Max. extension length	75mm
Weight	210g

OPTIONAL SOFTWARE MODULE

Offline module	CMM-WM-OEM
Gear module	CMM-WM-GEM
Worm module	CMM-WM-WMM
Pipeline module	CMM-WM-PEM
Blade module	CMM-WM-BEM
SPC statistical analysis	CMM-WM-SPC
Network programming module	CMM-WM-NPM
Gear and worm kit module	CMM-WM-GSM

PH10T SPECIFICATION

Angular movement with horizontal axis	0°~105° in 7.5 steps
Angular movement with vertical axis	±180° in 7.5 steps
Number of positions	720
Steering mode	motorized
Max. output torque	0.45N.m
Max. extension length	300mm
Weight	649g

STYLI SET INCLUDED IN TP20

Type	Material	Ball diameter	Length	Stem diameter	Effective working length	Quantity
styli	ruby ball / stainless steel stem	SØ2.5mm	20mm	Ø1.4mm	14mm	4 pcs
		SØ4mm		Ø1.5mm	20mm	1 pc
		SØ3mm	10mm	Ø1.5mm	7.5mm	1 pc
Type	Material	Diameter	Length		Quantity	
extension	stainless steel	Ø3mm	20mm		1 pc	
		Ø3mm	30mm		1 pc	
center base		Ø7mm	7.5mm		1 pc	