

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



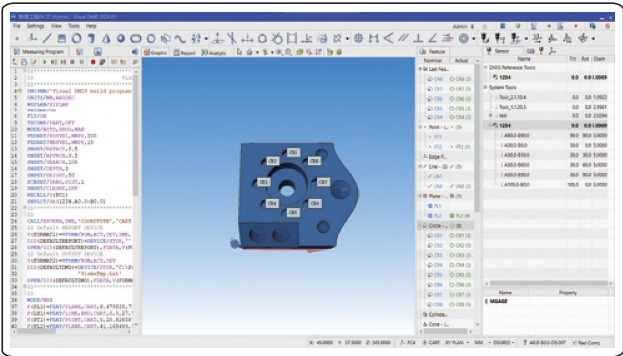
CMM-WM342A-U

SPECIFICATION

Code		CMM-WM342A-U	CMM-WM342B-U	CMM-WM565A-U	CMM-WM565B-U
Range		11.81×15.75×7.87"		19.69×23.62×19.69"	
Probe system	head	MH20i	PH10T	MH20i	PH10T
	body	TP20		TP20	
Accuracy	MPEE	±(2.7+L/200)μm		±(3.1+L/200)μm	
	MPEP	2.8μm		3.2μm	
Max. load		110lb		331lb	
Overall dimension (L×W×H)		44.5×39.8×78.4"		58.3×49.2×100"	
Net weight		1764lb		3307lb	
Movement speed		33.86"/s			
Moving acceleration		196.86"/s²			



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	50°F~104°F; <1.8°F/h, < 7.2°F/24h
	humidity	30%~70%
Calibration environment	temperature	68°F±3.6°F; <0.9°F/h, < 1.8°F/24h
	humidity	30%~70%
Power supply		110V, 60Hz
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	2.95"
Weight	0.46lb

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	11.81"
Weight	1.43lb

STYLI SET INCLUDED IN TP20

Type	Material	Ball diameter	Length	Stem diameter	Effective working length	Quantity
styli	ruby ball / stainless steel stem	SØ0.10"	0.79"	Ø0.06"	0.55"	4 pcs
		SØ0.16"		Ø0.06"	0.79"	1 pc
		SØ0.12"	0.39"	Ø0.06"	0.29"	1 pc
Type	Material	Diameter	Length		Quantity	
extension	stainless steel	Ø0.12"	0.79"		1 pc	
		Ø0.12"	1.18"		1 pc	
center base		Ø0.28"	0.29"		1 pc	