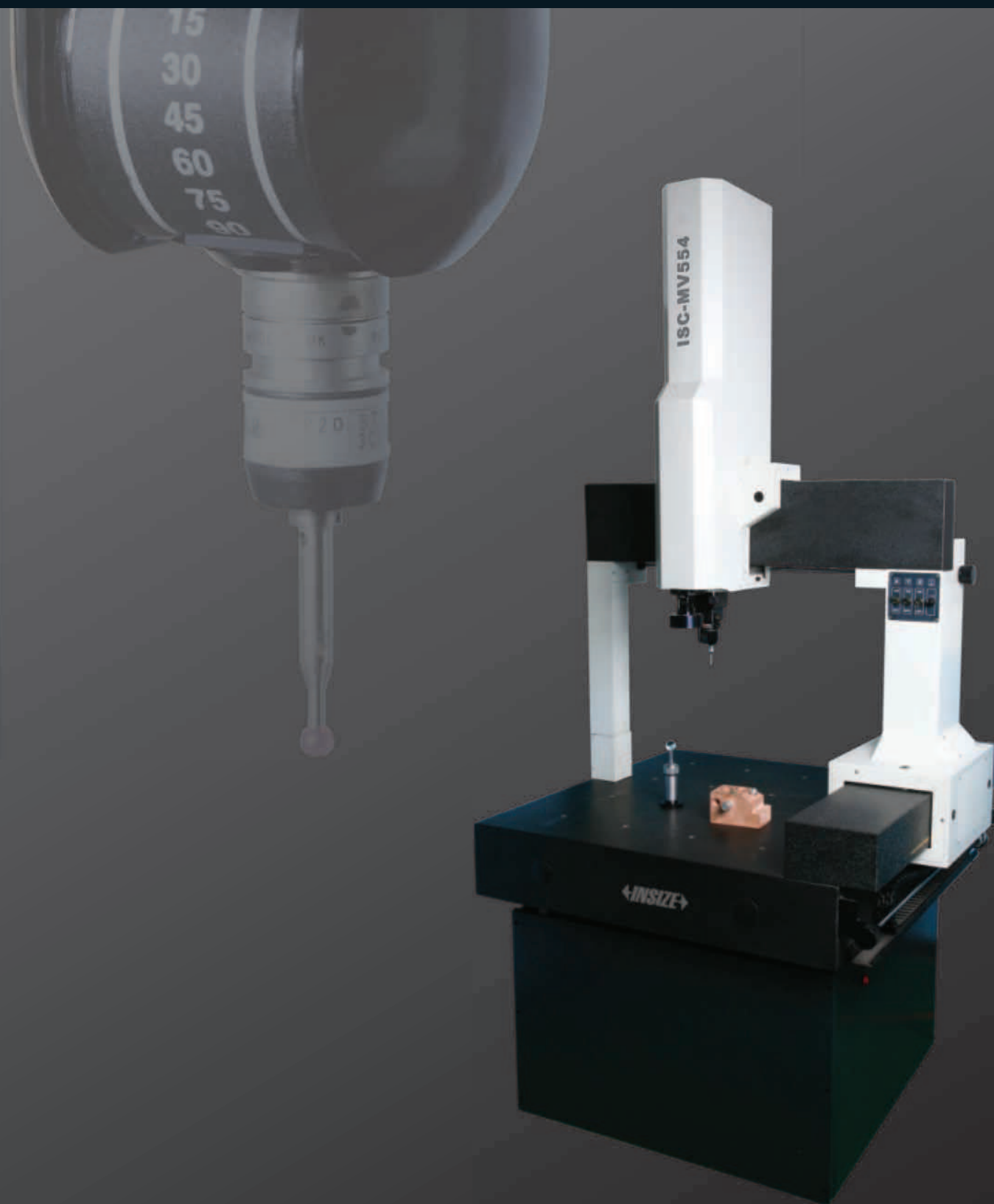


MODEL ISC-MV554

MANUAL COORDINATE MEASURING MACHINE



Technical specification

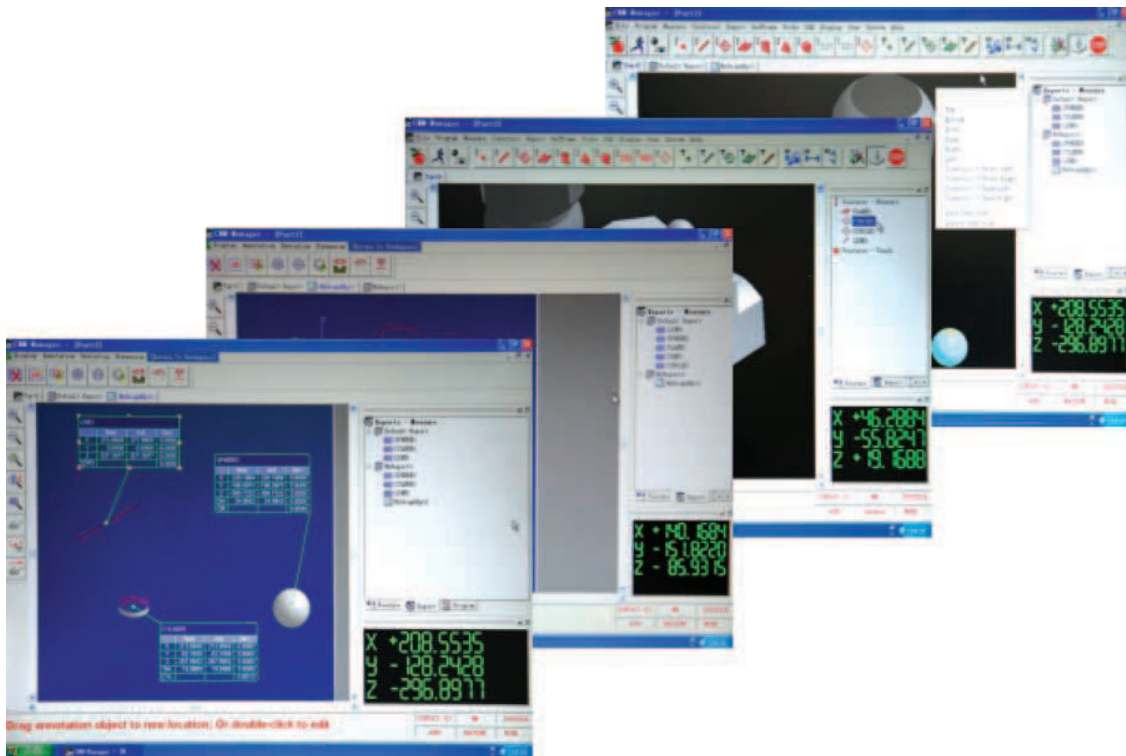
Operation	manual
Structure	moving bridge
Guide method	air bearing
Measuring range	X=500mm/19.7", Y=500mm/19.7", Z=400mm/15.7"
Accuracy	single axis MPEE1=(3.0+L/250)μm (L is the measuring length in mm) space MPEE=(4+L/250)μm (L is the measuring length in mm)
Digital measuring system	RENISHAW
Resolution	0.5μm/20μin
Max. measuring speed	300mm/s (11.8inch/s)
Probing system	RENISHAW
Max. workpiece weight	200kg/440lbs
Power supply	AC 220V 50Hz (standard) AC 110V 60Hz (option)
Air supply	≥0.5Mpa
Working condition	temperature: (20±2)°C/(68±4)°F humidity: 40%~70%
Dimension	1000×1100×2200mm
Weight	700kg/1540lbs

Standard delivery

Main unit		1pc
Probing system	MH20i with MSI shank and TP 20 module	1pc
	extension: SE4	1pc
	extension: SE5	1pc
	styli: PS9R	1pc
	styli: PS8R	1pc
	styli: PS1R	1pc
ISC-CMS software		1pc
Calibration ball set		1pc
Fuse		3pcs
Handle		4pcs
Adjustable feet		11pcs

Optional accessories

Computer
Probing system: PH10T, center SC2, knuckle SK2, extension SE18, styli PS17R, PS27R, PS49R, PS20R, PS3R, PS68R



MODEL ISC-CMS SOFTWARE

- For model ISC-MV554 manual coordinate measuring machine
- It employs various standard machine calibrating and probing system to realize the oriental and calibration of the equal radius probing ball
- Realize the establishing saving interchanging and transforming between various coordinate
- Detect and commute the characteristics parameter (point, line, plane, circle etc) by jointing the points. According to the special need of users it can be added with other detecting functions
- Construct new elements or computation dimension (distance, angle) of workpieces by 8 different ways (assemblage, parallel, verticality, intersection, projection, symmetry, image, statistics) according to the detecting outcome
- Detect various shape and position errors of workpieces
- Detecting outcome can be displayed or printed by arranging in column of graph and also can be transformed as AutoCAD, Excel, Word file to satisfy different need of users
- Calibrate the systematic errors of coordinate accuracy
- Carry out the temperature compensation under constant temperature
- The guide window can tell operator the measuring steps and current measuring position
- Improve the measuring efficiency by the hot key