

Coordinate Measuring Machine

MITUTOYO Crysta-ApexC 574



stock-no.: 1500075
type of machine: Coordinate Measuring Machine
make: MITUTOYO
type: Crysta-ApexC 574
year of manufacture: 2002
type of control: CNC
country of origin: Japan
storage location: Leipzig 5
delivery time: immediately
freight basis: EXW, free on truck unpacked
price: on request



technical details

x-travel:	mm
y-travel:	mm
z-travel:	mm
measuring range X-axis:	505 mm
measuring range Y-axis:	705 mm
measuring range Z-axis:	405 mm
table-size:	638 x 1160 mm
max. workpiece weight:	180 kg
workpiece height max.:	540 mm
Passage height:	630 mm
distance between columns:	680 mm
table height above floor:	745 mm
compressed air:	0,4 MPa
Air consumption:	100 l/min.
voltage:	100, 120, 220 oder 240 VAC / 50/60 V / Hz
total power requirement:	700 Watt
machine weight approx.:	t
dimension machine approx.LxWxH:	1,46 x 1,08 x 2,20 m

additional information

CNC 3D coordinate measuring machine

Measuring system/position control: CMMC-J type, optoelectronic glass scales and speed control via pulse generator

Operating modes: CNC operation and/or joystick operation

Measuring software: MCOSMOS v. 3.5.R3

PC system: Windows 7, 16 GB RAM

New 2022 swivel head installed.

Renishaw PH10T+ motor. Rotating/tilting head

Renishaw PH10-3 PLUS touch probe; Renishaw hand-held control unit and Renishaw PH10-T Plus measuring system

Renishaw interchangeable system/probe magazine SCR200 for 6 probes

Granite measuring table

Annual maintenance carried out by Mitutoyo until 2023.

Some accessories:

such as TP200 probe system, various measuring tips (made of carbon) and holders as well as extensions, calibration ball, 3-jaw chuck, vice