

measure with confidence...

CHECKMASTER



A Manual CMM for every toolbox

Easy & Fast

Accurate

Repeatable

Inspect

Scan

Reverse Design

Compact & Durable

Affordable Value

Made in America

HELMEL

Builders of Coordinate Measuring Machines since 1973

Accurate and affordable 3D measuring for everyone.

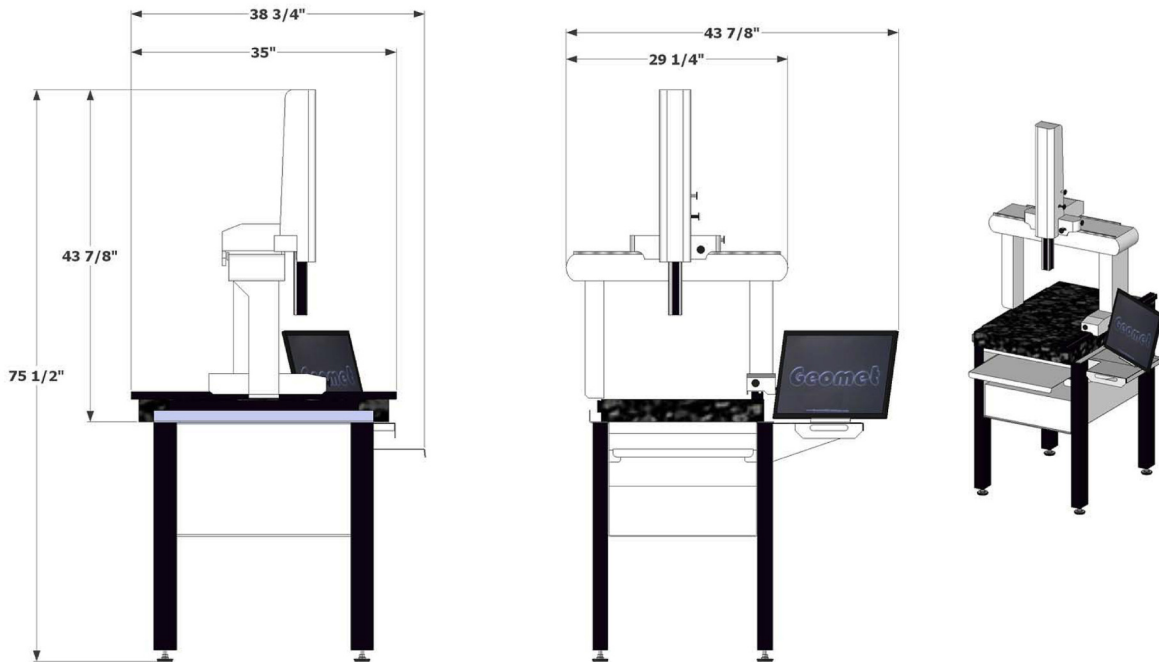
Measure, scan, digitize. Handle GD&T callouts with confidence and ease. Checkmaster is indispensable. Inspect-to-print, monitor dimensional quality, analyze processes, solve production problems, verify tooling, produce professional documentation. Reverse engineer for CAD.

Proven Reliability and Ease of Use.

For nearly 50 years we have delivered thousands of reliable mechanical bearing CMMs needing only standard electric power that saves operating costs. Built straight and square, Checkmaster is precise even without software error compensation, and eliminates the need for "homing".

Software for a range of levels and needs.

From our Geomet software, proven over decades by thousands of users, to CMM Manager, when advanced CAD is required, we offer a software level to suite your applications and skills.



CHECKMASTER



Specifications for Checkmaster

Measuring Range:

X 16" (400mm)

Y 20" (500mm)

Z 14" (350mm)

Weight: 350 lbs. (160kg)

Resolution: 0.000020" (0.5µm)

Accuracy*:

Repeatability: 0.00013" (3.3µm)

Linear: 0.00013" + 0.000005"/inch

Volumetric: 0.00034" (8.6µm)

Utility: 100-240 VAC, 50-60 Hz, 10A

*With Renishaw TP-ES Probe and 10mm Stylus.

Includes

Checkmaster on Stand

Granite Base with Clamping inserts

Non-contact XYZ Position Scales

Locks and Fine Adjust on all axes

PC, Monitor, keyboard, mouse

Current Windows OS

Scale and Probe Interface with USB

Geomet Junior software is Standard

Calibration Sphere and Widget Training Part

Online User Guide

(1) Year Warranty

Optional: Software versions, Probe choices, Accessories

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