

QVI® FlexPoint 111/212

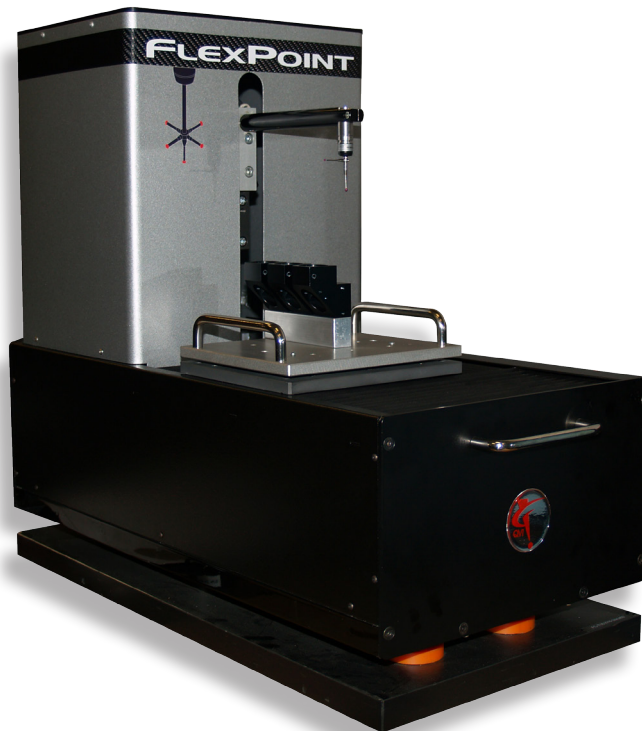
High Accuracy Flexible Gaging System

QVI FlexPoint™ is a fast, flexible industrialized and rugged alternative to custom hard gaging. FlexPoint is a CMM designed for measurement of small precision parts.

With the stability of a granite structure and its air bearing motion system, FlexPoint is equally at home on the manufacturing floor or in the QC laboratory.

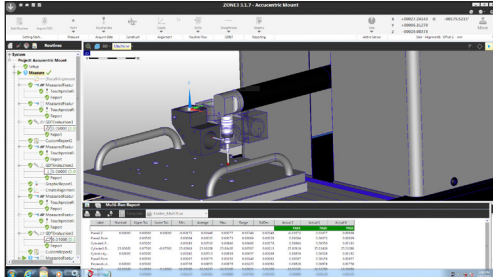
- Choice of TP20 or TP200 touch probe
- Shop floor friendly
- QVI ZONE3® premium CAD-based 3D metrology software

	X	Y	Z
Travel (mm) of FlexPoint 111	160	100	160
Travel (mm) of FlexPoint 212	250	160	250

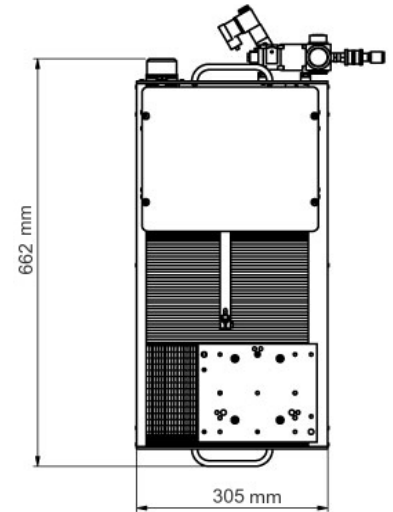
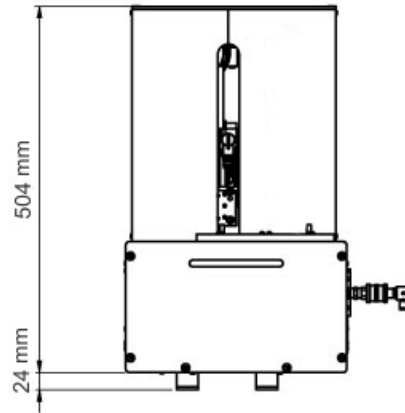


ZONE3® Measurement Software

ZONE3 is QVI's premium CAD-based 3D metrology software. It features a clear, simple user interface, and its kinematic model simulates the machine, part, fixtures and sensor, updated in real-time. Productivity maximizing tools and visual validation of measurement intent offer speed and power to your measurement process.



Machine weight: 48 kg
Crated weight: 100 kg



111 Model Shown

	Standard	Optional
XYZ travel, FlexPoint 111	160 x 100 x 160 mm	
XYZ travel, FlexPoint 212	250 x 160 x 250 mm	
XYZ scale resolution	0.5 µm	0.1 µm temperature invariant
Drive system	DC servo with 3-axis control (X,Y,Z); multifunction handheld controller	
Maximum recommended load	7 kg	
Maximum velocity	250 mm/sec	
Probe configurations	Required Selection: • TP20 touch probe • TP200 touch probe	
Controller	Windows® based, with up-to-date processor and on board networking/communication ports	
Controller accessory package		24" flat panel LCD monitor, or dual 24" flat panel LCD monitors; keyboard, 3-button mouse (or user supplied)
Software	QVI Portal, including: • Portal Navigator • Independent Calibration Engine (ICE) • Multimedia Content Viewer • SmartLink™ • QVI ZONE3® metrology software	Productivity software: SmartProfile®, SmartReport®
Power requirements	115/230 vac, 50/60 Hz, 1 phase, 700 W	
Air requirements	Clean, dry compressed air at 5.5 bar (17 l/min)	
Rated environment	Temperature 18-22° C, stable to ±2° C (±4° F); 30-80% humidity; vibration <0.0015g below 15 Hz	
Operating environment, safe operation	15-30° C	
Accuracy ¹	MPE ₀ = (1.0 + L/300) µm; Max = 1.5 µm (with TP20)	

¹Where L = measuring length in mm. Applies to thermally stable system in rated environment, with a certified artifact at 20° C. Maximum rate of temperature change: 2° C/hour. Maximum vertical temperature gradient: 1° C/meter. Compliant with ISO 10360 Standards.



Phone: (585) 544-0400 • (800) 647-4243
 Fax: (585) 544-8092
 info@ogpnet.com
 www.ogpnet.com

