Quality Vision International
Precision for People®

QUALITY VISION INTERNATIONAL –
Precision for People®

Quality Vision International (QVI®) is the world's largest vision metrology company. Founded in 1945, QVI is the world leader in optical, electronic and software technologies for vision and multisensor dimensional measuring systems.

Precision for People is more than just our slogan. It's our commitment to delivering our worldwide customers precision metrology systems, designed with the people who use them in mind. Precision for People - it's what we stand for.
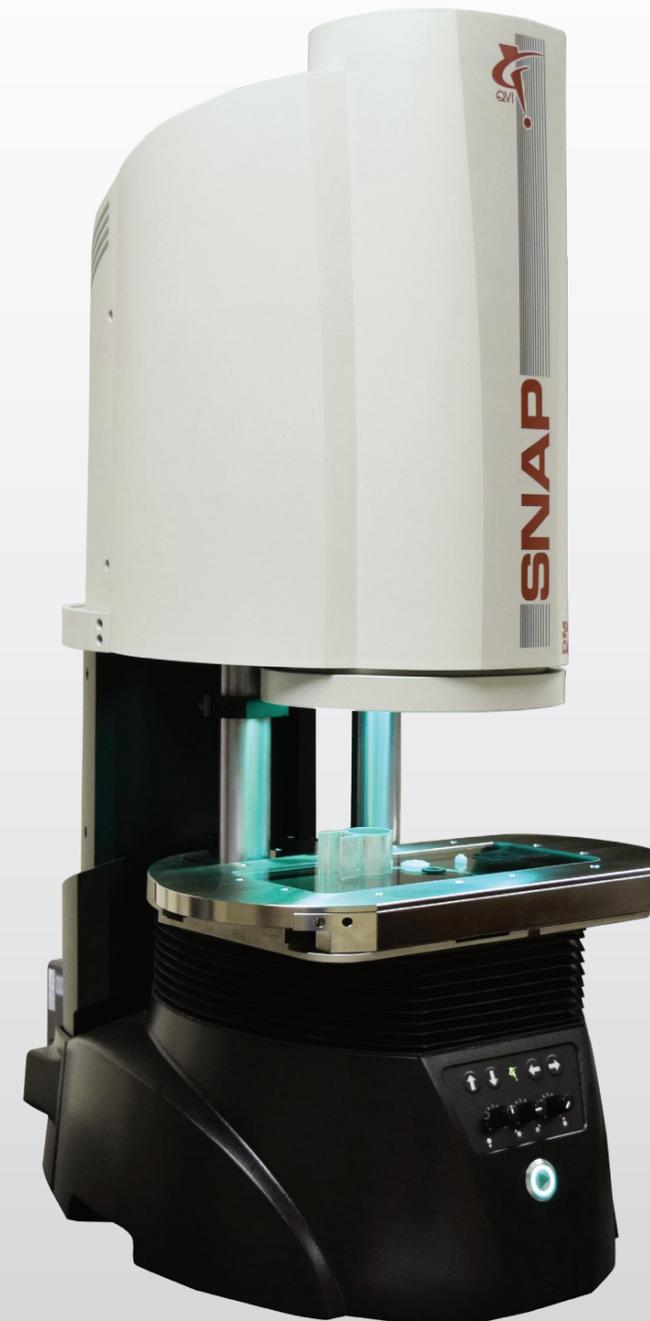
For more info visit www.qvii.com

Measurements Made Simple

Large-Field-of-View, Digital Measuring Systems

QVI® **SNAP™** measurement systems use its unique large-field-of-view (LFOV) optical system to measure small parts with fine features. SNAP combines a high resolution digital metrology camera with specially designed optics and lighting to produce high accuracy images, even in shop-floor conditions.

All SNAP systems are simple to use. Single parts, multiple parts - even a mixture of different parts - are all measured automatically.

SNAP measurement systems are offered in three configurations to suit a wide range of measurement needs.

SNAP 100

	Standard	Optional
Stage Motion	Z: 75 mm, Manual	Z: 75 mm, Motorized
Field of View	78 mm Diagonal	Low Mag: 100 mm Diameter High Mag: 42 mm Diagonal
Optics	Telecentric, Single Optical Mag	Telecentric, Dual Optical Mag
Camera	QVI high density megapixel metrology camera	QVI LFOV megapixel metrology camera
Depth of Focus	38 mm	Low Mag: 38 mm High Mag: 10 mm
Measuring Range (Low Mag)	78 mm Diagonal	100 mm Diameter
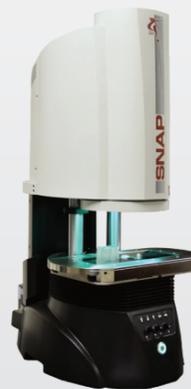
SNAP 200

	Standard	Optional
Stage Motion	X: 150 mm, Z: 75 mm, Manual	X: 150 mm, Z: 75 mm, Motorized
Field of View	78 mm Diagonal	Low Mag: 100 mm Diameter High Mag: 42 mm Diagonal
Optics	Telecentric, Single Optical Mag	Telecentric, Dual Optical Mag
Camera	QVI high density megapixel metrology camera	QVI LFOV megapixel metrology camera
Depth of Focus	38 mm	Low Mag: 38 mm High Mag: 10 mm
Measuring Range (Low Mag)	205 mm x 47 mm	250 mm x 100 mm

SNAP 300

	Standard	Optional
Stage Motion	X: 150 mm, Y: 50 mm, Z: 75 mm, Motorized	
Field of View	78 mm Diagonal	Low Mag: 100 mm Diameter High Mag: 42 mm Diagonal Ultra High Mag: 16 mm Diagonal
Optics	Telecentric, Single Optical Mag	Telecentric, Dual Optical Mag
Camera	QVI high density megapixel metrology camera	QVI LFOV megapixel metrology camera
Depth of Focus	38 mm	Low Mag: 38 mm High Mag: 10 mm Ultra High Mag: 4 mm
Measuring Range (Low Mag)	205 mm x 97 mm	250 mm x 150 mm

SNAP Metrology Software

The **SNAP** software features AutoID, Feature Extraction and a simple user interface for easy shop floor operation. SNAP has 3 modes:

Measure mode allows you to instantly measure one or more parts at the press of a button, even if the SNAP has never seen the part before

Run mode is a simplified user experience that allows you to run existing part routines in a more controlled manner at the press of a button

Program mode lets users create, save and re-use part routines