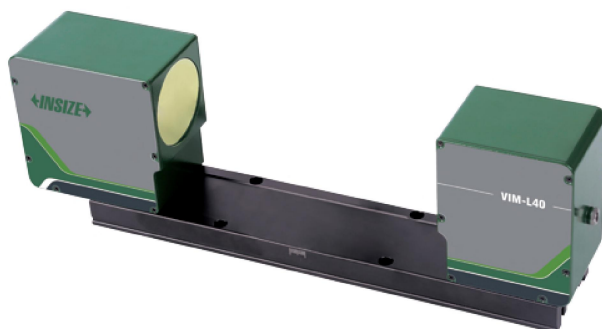


## ONLINE/OFFLINE QUICK MEASUREMENT SYSTEMS

TELECENTRIC SYSTEM WITH  
LARGE DEPTH OF FIELD

ONLINE/OFFLINE  
DIMENSION MEASUREMENT



VIM-L40

- Low-distortion system assures the accuracy throughout the field of view
- The dual telecentric optical system ensures sharp edges without losing accuracy even for misaligned targets
- Easy to use measurement tools for simplifi setup



monitor (optional) for offline use

### SPECIFICATION

Code		VIM-L40	VIM-L65	VIM-L120
Distance between transmitter and receiver		180mm	270mm	437mm
Measurement range	view field	high precision measurement area	Ø26mm	Ø40mm
		full measurement area	Ø40mm	Ø65mm
	depth of field	high precision measurement area	10mm	20mm
		full measurement area	20mm	30mm
Illumination		InGaN green LED		
Measurement accuracy *	high precision measurement area	±2µm	±3µm	±4µm
	full measurement area	±3µm	±4µm	±5µm
Repeatability		±1µm	±1µm	±2µm
Dust/waterproof		IP64		
Environment requirement		temperature: 0~45°C, relative humidity: less than 85%		
Shell material		aluminium		
Net weight		2.2kg	4.7kg	18.1kg

\* The optimum temperature is 20°C±1°C

## STANDARD DELIVERY

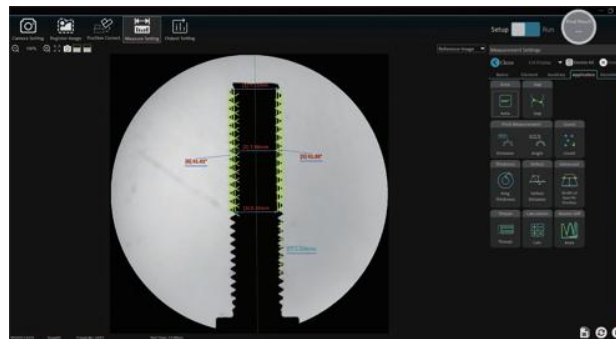
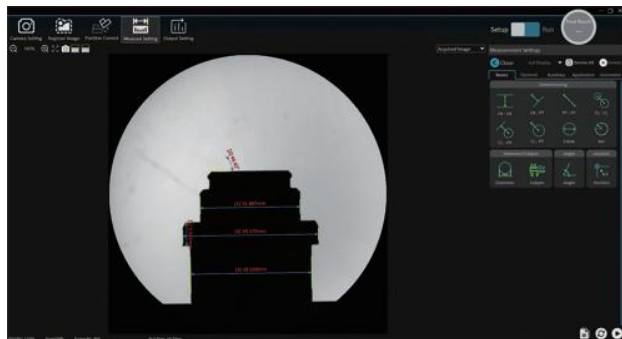
Main unit	1 pc
Industrial computer	1 pc
Dongle	1 pc

## OPTIONAL ACCESSORY

Monitor	VIM-L-SCREEN
Rotary table	VIM-L-RT

## APPLICATION

- Automatically measure widths, pitch, arc, angles at the same time, simple and efficient



## SOFTWARE (INCLUDED)

Find Product	Position Correct	Score	0.995	OK
1	200 Arc Radius	1.021 mm	NG	
	Upper: 0.000	Lower: 0.000		
2	201 IN - IN	13.443 mm	OK	
	Upper: 14.000	Lower: 13.000		
3	202 IN - IN	14.466 mm	NG	
	Upper: 0.000	Lower: 0.000		
4	205 IN - IN	16.425 mm	NG	
	Upper: 0.000	Lower: 0.000		
5	204 Arc Radius	0.884 mm	NG	
	Upper: 0.000	Lower: 0.000		