

# VISIONEDGE ULTRA

Advanced Vision  
Measurement



## PRODUCT INTRODUCTION:

The VISIONEDGE ULTRA by UCOMAX is designed for industries that demand uncompromising measurement accuracy and fast, reliable inspection. Built with a robust granite base and high-definition optical system, it guarantees repeatable, non-contact measurements for complex parts, ensuring stable performance and dependable results for your production line or quality control lab.

## PRODUCT CHARACTERISTICS:

### SOLID MARBLE BASE

- The whole machine adopts a high-precision marble solid structure.
- Difficult deformation
- High stability
- Wear and corrosion resistance



### HIGH PRECISION ZOOM SLOT LENS

- High-definition image drawing
- Different magnifications with slots
- No need to repeat calibration
- Adjustable magnification 0.7–4.5X



### LED RING LIGHT SOURCE

- LED cold light source
- Long lifetime, software-controlled light
- No need for manual light adjustment
- Co-axial light source optional



### CONTACT PROBE (OPTIONAL)

- Imported high-precision Renishaw contact probe
- Can measure two- and three-dimensional features such as height, plane, cylinder, cone, ball, ring, etc. (Optional)



# TECHINCAL SPECIFICATIONS

Section	Parameter	AQC210	AQC320	AQC430	AQC540
Workbench	Platform size (mm)	360 × 260	460 × 360	560 × 460	720 × 620
	Glass table size (mm)	250 × 150	350 × 250	450 × 350	550 × 450
	Load-bearing weight (kg)	20	20	20	20
Travel	X axis (mm)	200	300	400	500
	Y axis (mm)	100	200	300	400
	Z axis (mm)	200	200	200	200
Image & Measurement System	Display resolution (μm)	1 / 0.5 (Optional)			
	Instrument precision (μm)	(3 + L/200) μm			
	Imaging system (CCD)	High Resolution Digital Color Camera			
	Zoom objective (X)	High Precision Optical Zoom Objective 0.7~4.5X			
	Total video magnification (X)	30-200X			
	Working distance (mm)	96			
	Light source	LED Programmable Partition Light Source (Coaxial light source optional)			
Outline Dimension	Size (mm)	610 × 550 × 970	740 × 660 × 970	880 × 760 × 970	1090 × 720 × 1700
Outline Dimension	Weight (kg)	250	350	450	700
Power	Power supply	220V AC 50Hz	220V AC 50Hz	220V AC 50Hz	220V AC 50Hz



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