

















Global partners

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-  MEXICO • SILAO
• SALTILLO
-  United States • SEABROOK
-  SINGAPORE
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Our service

UNIMETRO is devoting to offer the best metrology products and solution, also offer the best after sales service.

Free on-line support, free software upgrade and fast reaction of after sales service ensure the satisfaction of our customers and dealers.

Global market

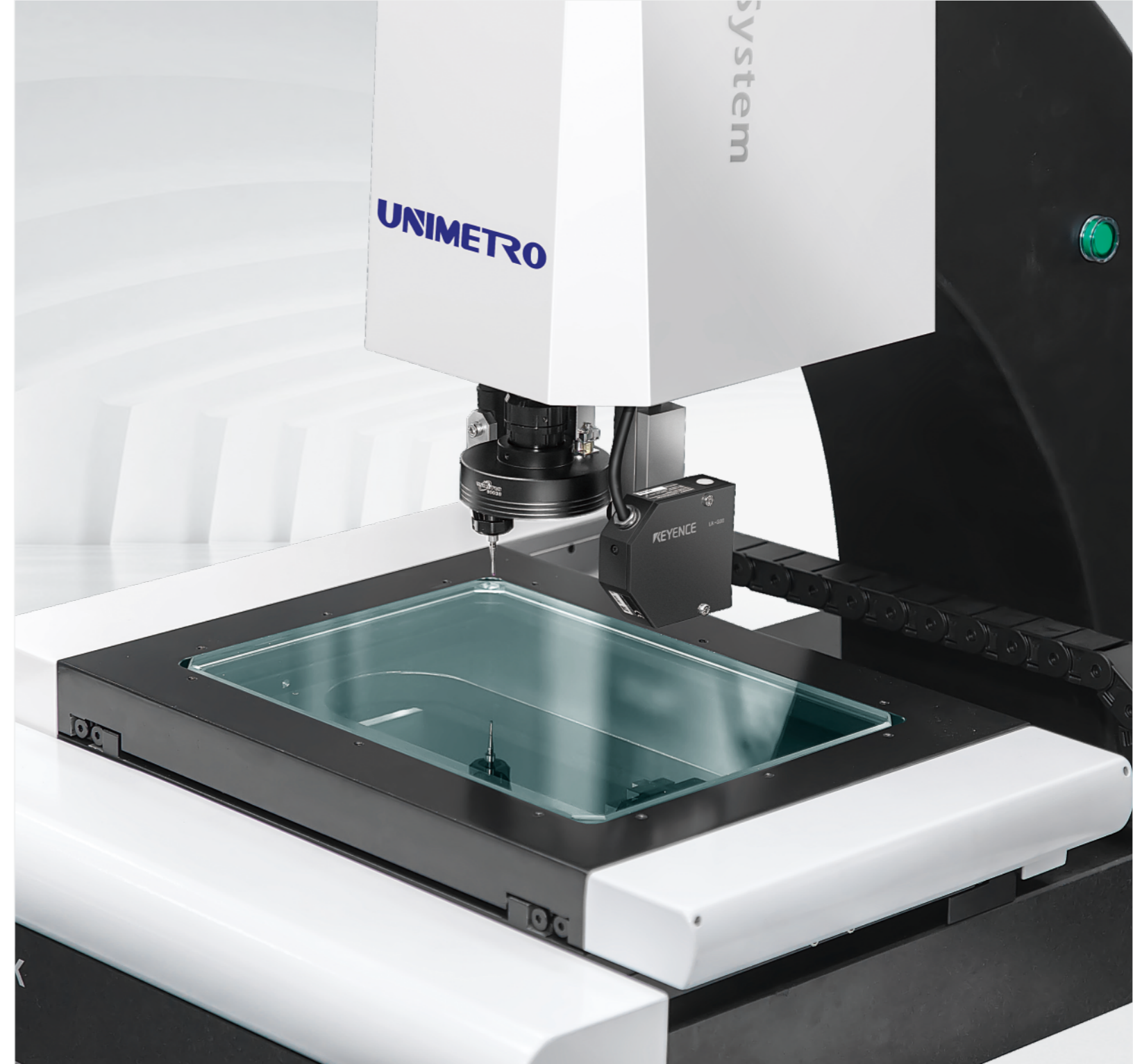
Dealers or distributors all over the world are welcome and we will offer full support in commercial and technical phase.

UNIMETRO is always providing products with the best price performance ratio and the best service.

OEM and special measuring solution

UNIMETRO is available for OEM service for our distributors.

Thanks to the professional technical team of UNIMETRO, we are also capable for varies kinds of special measuring solution or devices development, please consult to our engineer if you have such kind of requirement.



Economical CNC Automatic Vision Measurement Machine
PEAK Series



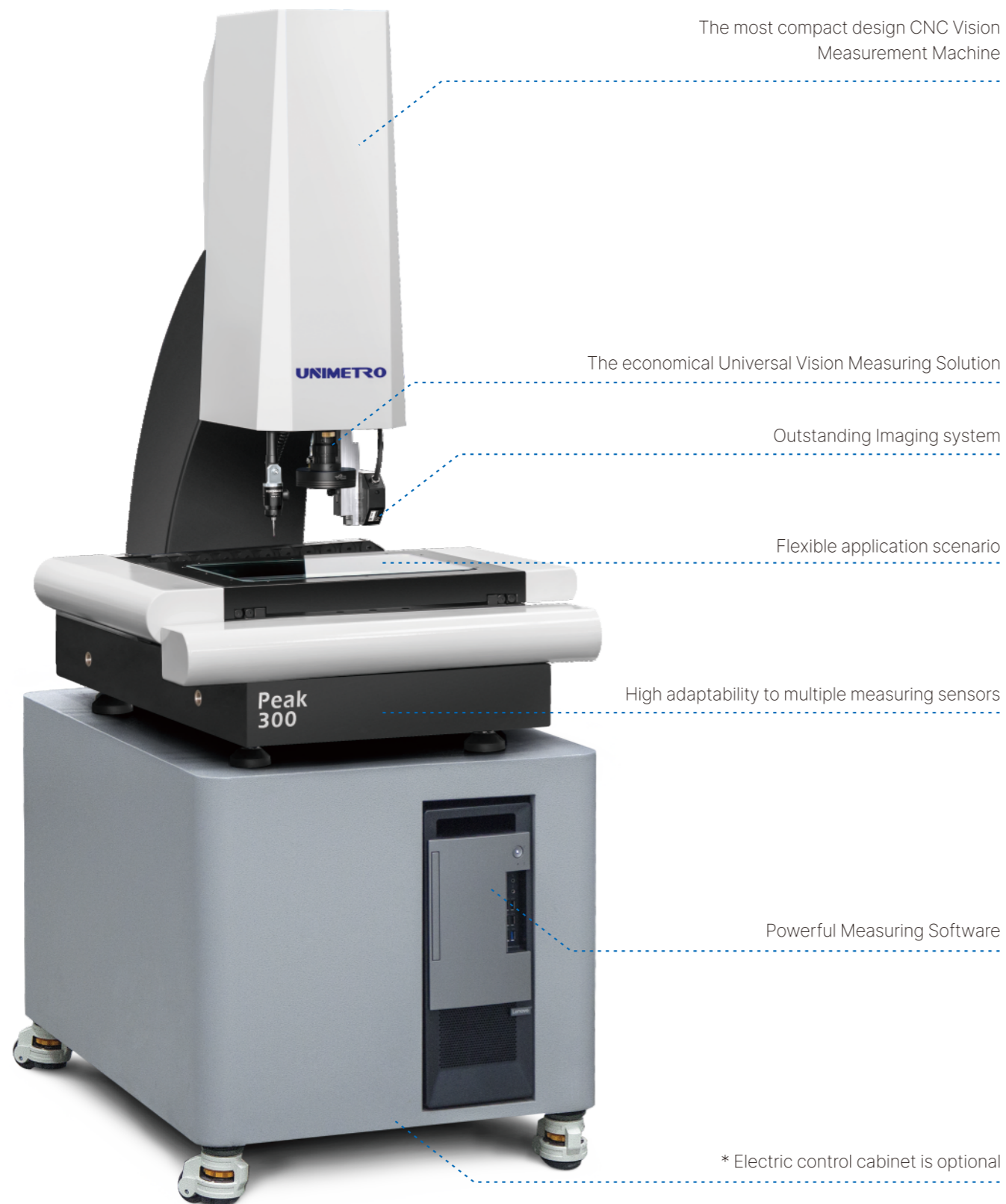
Website

UNIMETRO(HONGKONG) INTERNATIONAL TRADING CO., LTD.
DONGGUAN XIANGYU PRECISION MACHINERY CO., LTD.
ZHUHAI XIANGYI TECHNOLOGY CO., LTD.

<https://www.unimetro.cn>

UNIMETRO[®]
UNIVERSAL METROLOGY

PEAK Series Economical CNC Automatic Vision Measurement Machine



The most compact design CNC Vision Measurement Machine

The economical Universal Vision Measuring Solution

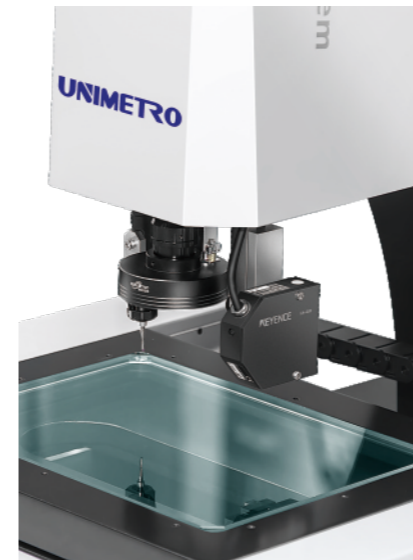
Outstanding Imaging system

Flexible application scenario

High adaptability to multiple measuring sensors

Powerful Measuring Software

* Electric control cabinet is optional



Simple & Stable

We carry the philosophy of simple and stable in the designing process of the PEAK series through to the end. We eliminate the unnecessary mechanical parts, integrate all the electronics inside the mechanical structure, optimize the wiring, to ensure the machine stability and easy maintenance.

High adaptability to multiple measuring sensors

The PEAK series support multiple measuring sensors solution. Touch probe, laser sensor and white light sensor are all compatible. Which allows much wider application range for different measuring requirement.

Economical vision measuring solution

The simple and integrated design allow us to build the machine with lower cost, in the mean time keep the high measuring accuracy and best performance. Users are able to enjoy the advantage of high efficiency and labor cost saving from a full CNC vision measurement machine with very low price.

Flexible application scenario

Thanks to the optimize design, powerful software function and great second development potential, the PEAK series can be applied for different industries and in different scenario.

Specification

Items	PEAK300	PEAK400
Dimension(mm)(X/Y/Z)	655 / 850 / 1075	795 / 995 / 1075
Measuring range(mm)(X/Y/Z)	300 / 200 / 200	400 / 300 / 200
Measuring Accuracy(μm)	3 + L / 200	3 + L / 200
Repeatability(μm)	3	3
Weight (kg)	190kg	275kg
Image and Measuring	CCD	1.3M pixel digital camera
	Lens	Manual dented zoom lens 0.7 - 4.5X(Optional manual electronic feedback signal zoom lens or automatic zoom lens)
	Magnification	24.7 - 160X (For reference only. With different camera and lens the magnification will be different.)
	Field of View	8.5~1.3mm(For reference only, with different camera and lens combination, the value will be different.)
	Working distance	80mm
Linear scale resolution	0.5μm	
Driving system	CNC control, close-loop AC Servo driving system, joystick, mouse or keyboard control	
Illumination	Programmable 8 sections LED ring surface light, parallel LED contour light, (40 section LED ring light, co-axial light, movable multi color ring light for option)	