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Ref. No.:  
1413-03281646

## Overview and Technical Data:

# MITUTOYO Quick Vision Active 404 Touch Probe

MITUTOYO

# Mitutoyo

Year of Build:  
Aug 2020

## Description:

## Used MITUTOYO Quick Vision Active 404 Touch Probe

**Model: QV-L404Z1L-D**

### Technical Data:

- Range (X, Y, Z-axis) with Vision Head: 400x400x200 mm (
- Measuring range (X×Y×Z): 400x400x200 mm
- Resolution: 0.1 μm
- Scale type: Linear encoder
- Sensor type: High resolution CMOS color camera
- Illumination: (White LED)
  - Contour
  - Coaxial
  - 4-quadrant ring light
- Accuracy E1X, E1Y: (2 + 3L / 1000) μm
- Magnification change system: Zoom optical system with 8 positions
- Standard 1.5X magnification lens
- Additional objective lenses: 1X and 2X magnification

Other

- Measuring head TP200
  - QVPAK V13.2 VMM Software
  - Dell Precision Tower 5820, Xeon W-2104 8GB/1TB HD/Win.10 Prof.Multi
- 

The new MITUTOYO Quick Vision Active system enters the market in a choice of two different measurement ranges:

- as “202” model with 250 x 200 x 150 mm and
- as “404” with 400 x 400 x 200 mm.

Both variants are additionally available with a touch probe for tactile measuring methods.

The new 1.3 megapixel color USB vision system replaces the analogue frame grabber adopted in former systems, offering a vastly improved resolution. Additionally MITUTOYO did effectively improve the captured images in terms of their colors, and thus boost convenience in use.

MITUTOYO is famous for their high-quality objective lenses. The QuickVision Active customer gains from the excellent seven-step zoom lens unit with change-type objectives, covering a wide total magnification range. For all three light – segmented ring light, coaxial light and stage light – sources the MITUTOYO engineers adopted white-LEDs.

The QuickVision Active is delivered with the powerful QVPAK software, technically capable of making most of the sophisticated programs.

This CNC Vision Measuring System combines the flexibility of a high quality zoom lens with the speed of a state-of-the-art digital colour camera and offers the following benefits:

- Programmable LED stage- and coaxial-light
- Programmable 4-quadrant LED ring light
- High-resolution and high-speed CMOS colour camera
- High-quality 7-step zoom optics with interchangeable lenses
- Compact design
- Powerful, user-friendly QVPAK software
- Touch probe option

## **Technical Data:**

## **Technical Data:**

Control:

[CNC](#)

## **Dimensions and Weight:**

Height:

1.529 mm

Length:

776 mm

Width:

1.303 mm

Weight:

324 kg

## **Buyer Information:**

Condition:

[Very good condition](#)

Available:

[Immediately](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

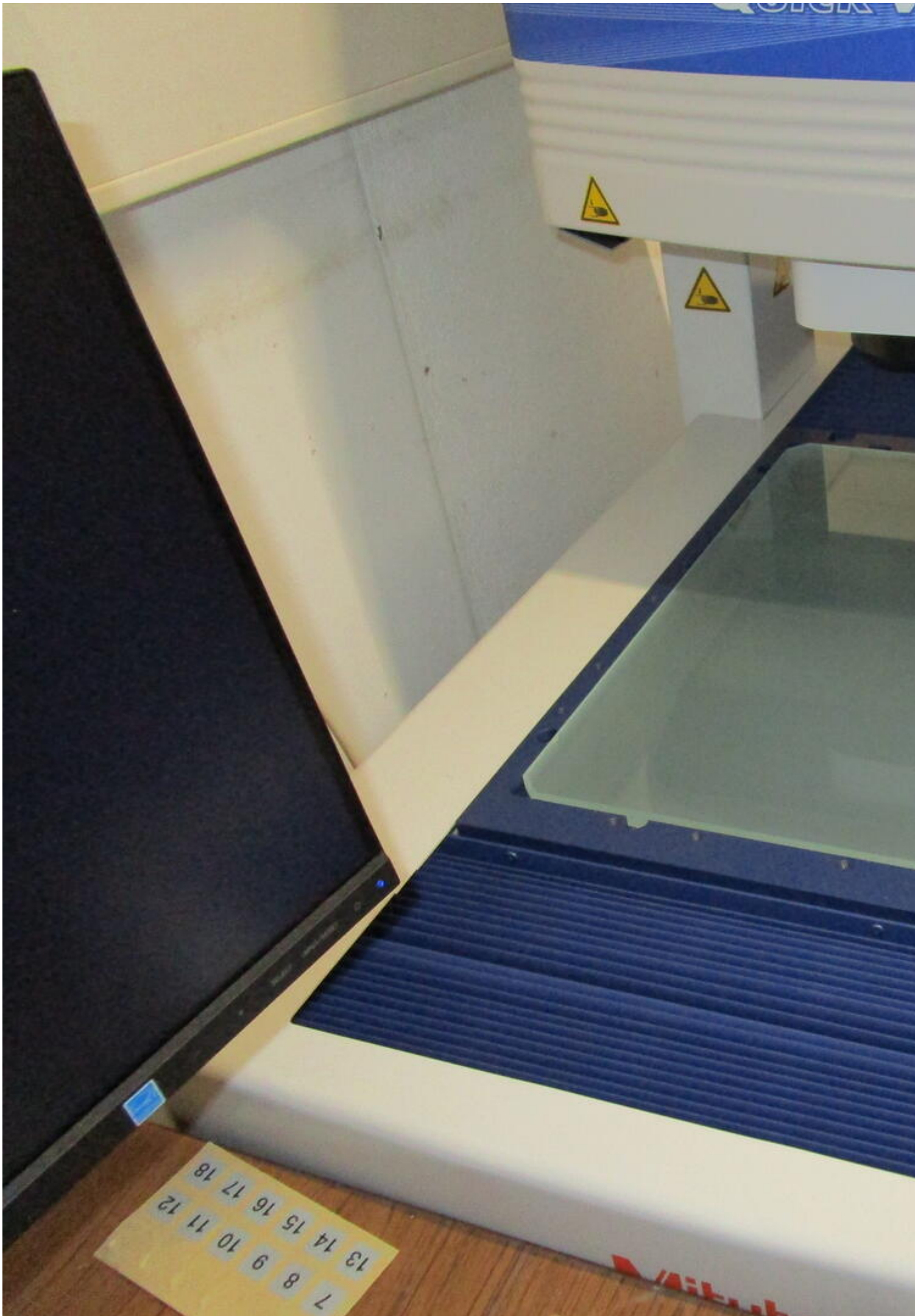
Location:

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## **Images:**







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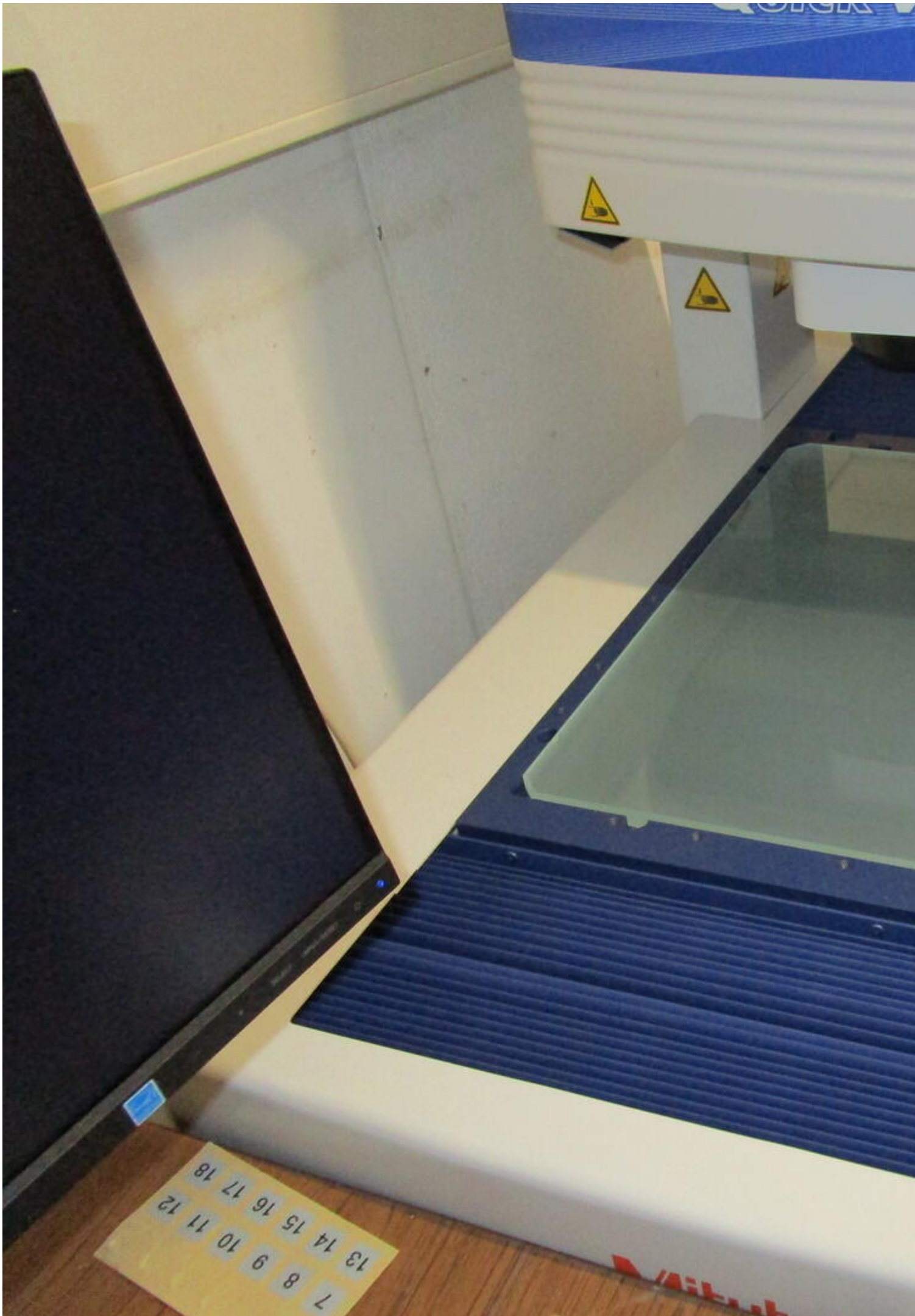
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