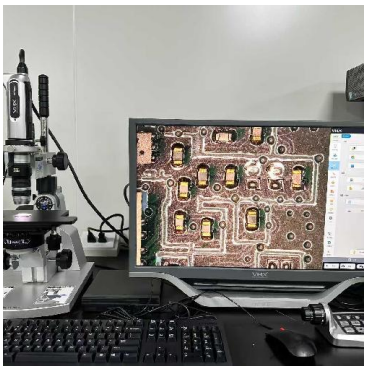
Machine Name : microscope

Brand : KEYENCE

Machine Model : VHX-X1F

Stock No. : 810068

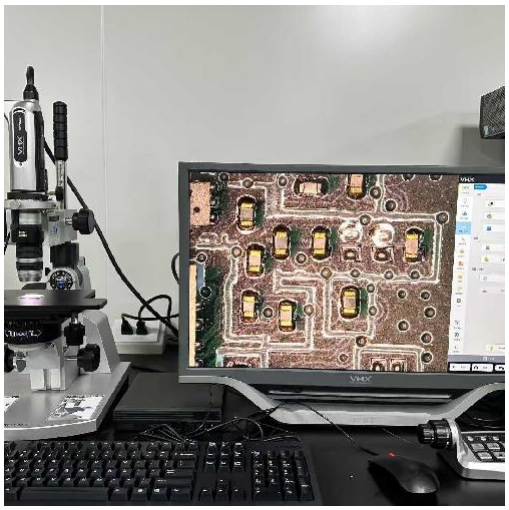
Ex-factory Date : 2025

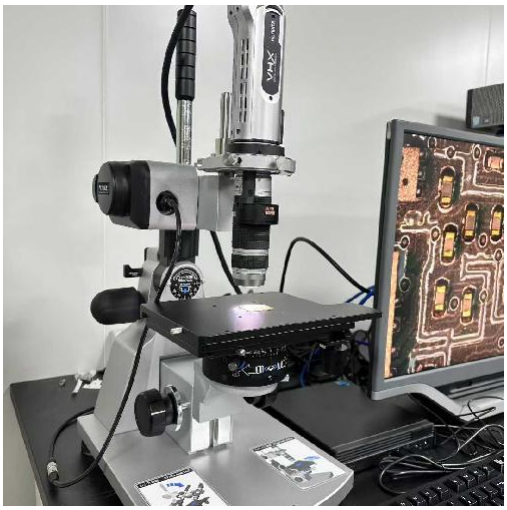


Main Technical Parameters:

Camera
Image Receiving Element:
VHX-7020 High Performance Camera
Sensor Type: 1/1.8-inch, 3.19-megapixel CMOS image sensor
Total Pixels: 2064 (H) × 1554 (V)
Virtual Pixels: 2048 (H) × 1536 (V)
Scanning System: Progressive
Frame Rate:
VHX-7020 High Performance Camera: 50 fps (max.)
Resolution (Standard):
VHX-7020 High Performance Camera: 2048 (H) × 1536 (V)
Gain: Manual, Preset
Electronic Shutter:
VHX-7020 High Performance Camera: Auto, Manual, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/9000, 1/19000
Supercharge Shutter:
VHX-7020 High Performance Camera: Can be set in 0.01 s increments from 0.02 to 16 s
White Balance:
Push-set, Manual, Preset (2700K, 3200K, 5600K, 9000K)
LCD Monitor
Size: 27-inch color LCD
Screen Size:
596.16 (H) × 335.34 (V) mm
23.47" × 13.20"
Pixel Pitch:
0.15525 mm (H) × 0.15525 mm (V)
0.01" × 0.01"
Number of Pixels:
3840 (H) × 2160 (V)
Display Colors: Approx. 1.07 billion colors*1
Viewing Angle:
±89° (typical, horizontal)

±89° (typical, vertical)
Image Format:
JPEG (with compression), TIFF (without compression)
Observable Image Size:
100,000 (H) × 100,000 (V) pixels (with stitching)
Dimensions
Dimensions (when stored):
635 (W) × 450 (H) × 132 (D) mm
25.00" × 17.72" × 5.20" (excluding protrusions)
Power Supply
Power Voltage:
100 to 240 VAC ±10%, 50/60 Hz
Power Consumption:
250 VA
Environmental Resistance
Ambient Temperature:
+5 to 40°C (+41 to 104°F*2)
Relative Humidity:
80% RH or less (no condensation)
Weight:
Approx. 10.8 kg (23.81 lb)





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