

OMEK Mic 401 Series

OEM Microscope



Mic 401E

Wide Fields of View with High NA Optics

The Mic 401E is a Single Mag, Low Magnification / High Resolution Modular Industrial Microscope used for accurate inspection and metrology applications.



FEATURES

- Compact lightweight housing
- Magnifications between X0.8 to X100.
- Modular design accepts interchangeable Tube Lens with Focal lengths of 80mm, 160mm & 200mm.
- All Tube-Lens options supports Large Format Detectors up to 1.0" Formats.
- Uniform and Symmetric full Kohler Type Telecentric Illumination.
- Light weight.
- Accepts standard Microscope threads.
- Mounting threads on back panel.
- Illuminations Options: LED or Fiber Light Guide.

SPECIFICATIONS

	Specification
Standard Camera Mount	C- Mount
Weight (401E Horizontal Illumination)	0.78 Kg
Standard Tube Lens Focal Length	80 mm
Applicable Sensor Active Diameter	1.0" or Smaller
Illumination	Telecentric (Kohler)

10 Genosar St.; Givat Ella 36570; Israel
Tel + (972) 4 6514560; Fax + 972 4 6514289

web: www.omekoptics.com
email: info@omekoptics.com

Specifications are subject to change without any obligation on the part of the manufacturer

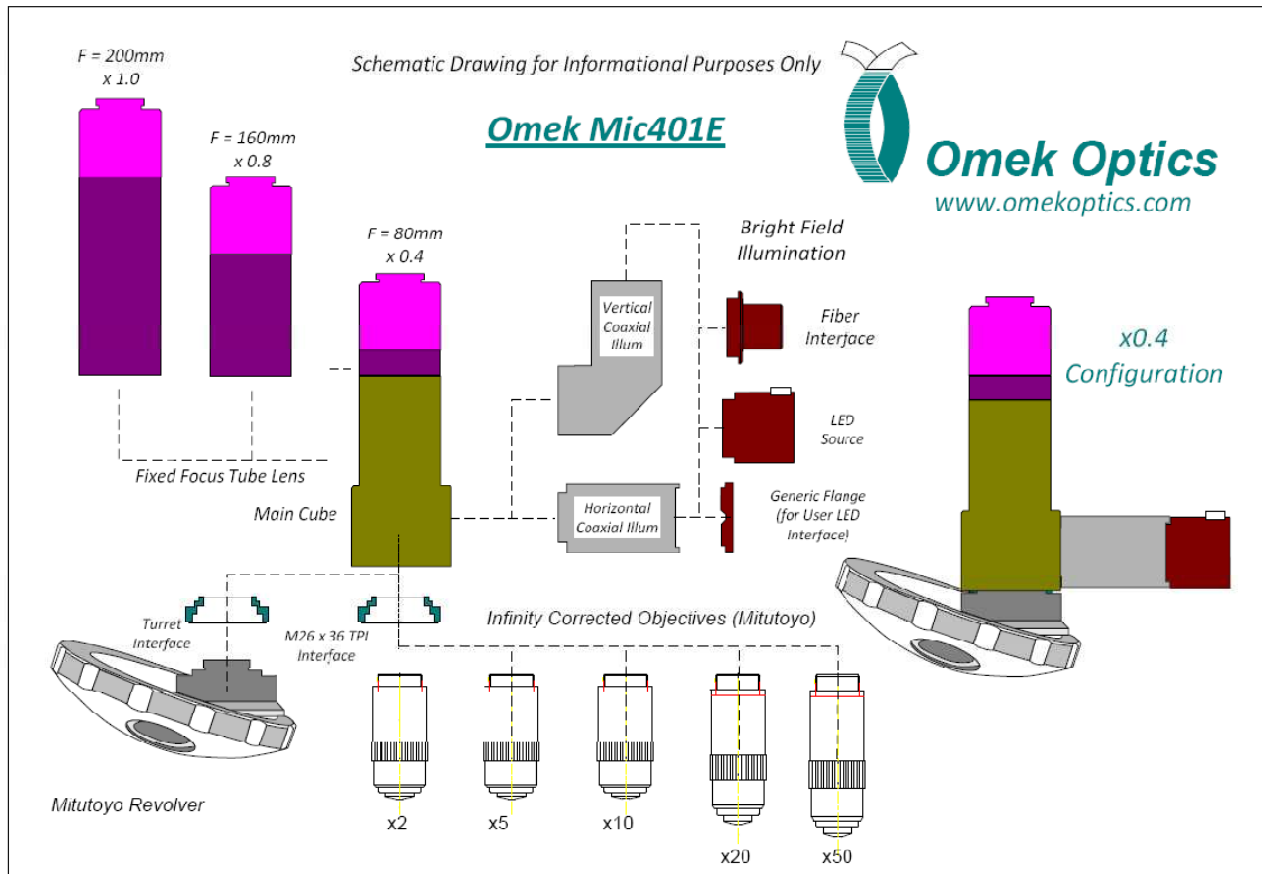
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System Diagram and Optional Layouts



Highlights

- **Three basic Imaging Magnifications offered.**
- **Turret Option supported.**
- **Upright Illumination Option employs Iris Diaphragms for Field and Aperture Stops.**
- **Horizontal Coaxial illumination optimized for non-turret single magnification Applications**
- **LED source coupled to 5Volt Power Supply via Molex 4 pin connector**

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Upright Illumination



Mic 401ET

Wide Fields of View with High NA Optics

The Mic 401ET is a Low Magnification / High Resolution Modular Industrial Microscope used for extremely large Fields of View.



SPECIFICATIONS

	Specification
Standard Camera Mount	C- Mount
Weight (401ET LED Illumination Option)	0.9Kg
Standard Tube Lens Focal Length	80 mm
Applicable Sensor Active Diameter	1.0" or Smaller
Illumination	Telecentric (Kohler)

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FEATURES

- Same as Mic 401E plus:
- Supports Turret option.
- Higher Illumination Uniformity and efficiency (required for 2/3" to 1.0" Sensor Formats).
- Employs Iris Diaphragms for Field and Aperture Stops.



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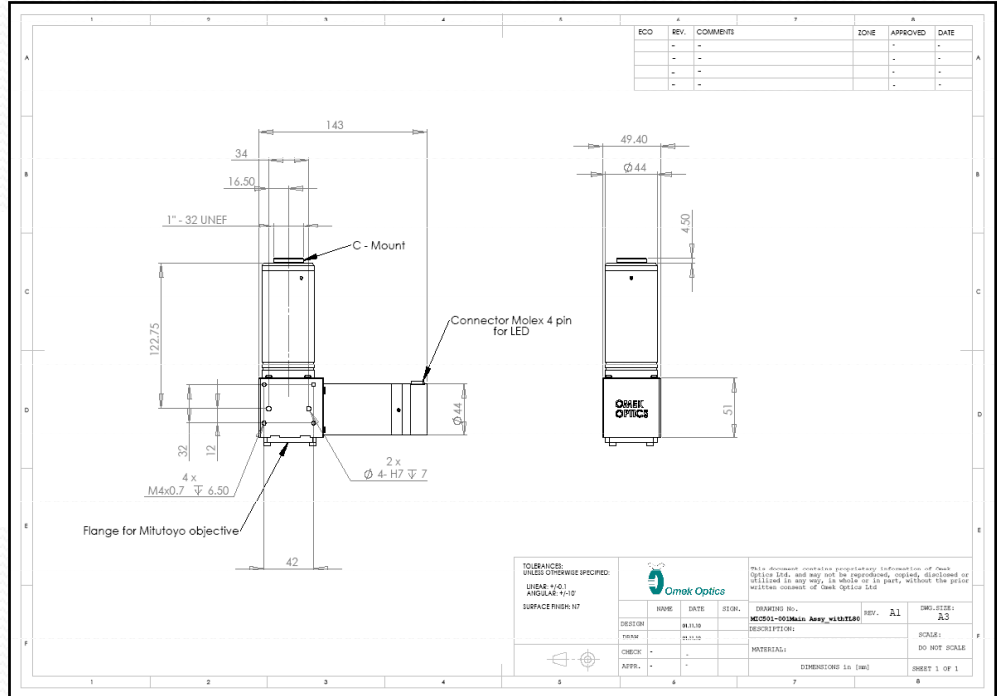
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OMEK Mic 401 Series

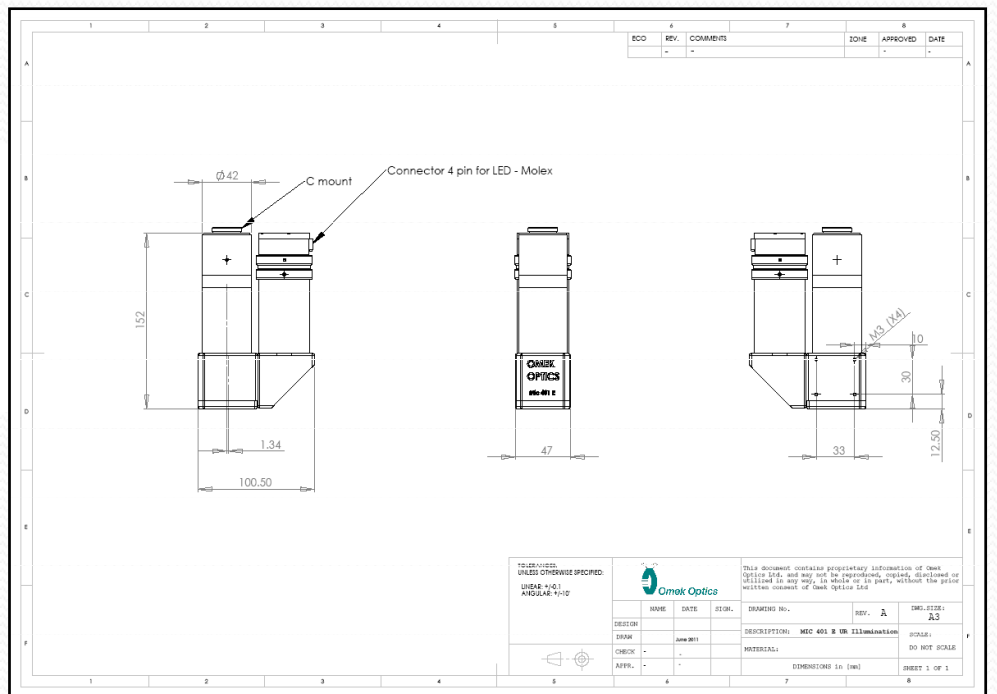
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Layout:
Mic401E.80;
0.4x Mag;
80mm Tubelens;
Horizontal
Illumination



Layout:
Mic401ET.80;
0.4x Mag;
80mm Tubelens;
Upright Illumination



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