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KC Iris Diaphragm

#53-789: KC Iris Diaphragm

Stock **#53-789** **1 In Stock**

- 1 + **€275**.00

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Qty 1+	**€275,00** each
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General

Type:
Lens Accessory

Regulatory Compliance

RoHS 2015:
Compliant

Reach 224:
Compliant

Certificate of Conformance:

View

Product Details

- Telephoto, Macroscope or Microscope Capability
- Focuses from Infinity to 63mm (with IF Objectives)
- Objectives Available to Provide Smaller FOVs and WDs

Designed to meet demanding imaging applications, the KC (with all 5 objectives) microscope lens provides primary magnification from 0.10-3.0X. Optional adapters for **Mitutoyo** and **Achrovid™** infinity-corrected objectives and RMS objectives allow the KC to be used as a conventional microscope, without the bulk of traditional microscope bodies or inconvenience of adapting conventional microscopes to video cameras.

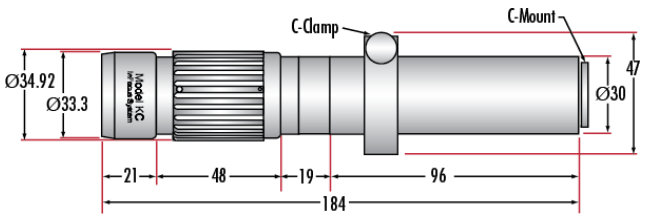
This microscope lens was designed as a gauging lens, with both large working distance and high magnification. Suitable for both off-line quality control and on-line inspection in production, especially for measurement and flaw inspection. **LDL** and LFA adapters thread onto C-Mount. LFA provides coverage for large format cameras (F-Mount adapter included, 24 x 36mm max sensor). Interchangeable objectives thread onto main body.

A **fiber optic illuminator** and a **ring light guide** are also recommended when using the IF4 objective. A coaxial attachment, **#56-191** can be used for applications requiring coaxial illumination.

Motorized InFocus™ KC Video Lens

The motorized KC lens comes complete with encased focus DC Gear-motor with rubber o-ring belt drive and bracket, CE analog control unit, motor/controller cable, and CE universal power supply (110V and 220V operation). The control unit allows the user to vary focus as well as the speed and direction at which focusing occurs.

Technical Information



Objective	**IF1**	**IF2**	**IF3**	**IF3.5**	**IF4**
Primary Magnification	0.36 - 0.75X	0.51 - 0.91X	0.80 - 1.28X	1.80 - 2.29X	2.29 - 2.98
Field of View (½" Sensor / Horiz.)	18 - 8mm	12.5 - 7mm	8 - 5mm	3.55 - 2.8mm	2.8 - 2.15mm
Working Distance (mm)	490 - 272	343 - 220	213 - 156	100 - 83	73 - 63

Note: Main body is required for these objectives.

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