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InfiniTube FM-75 (0.33X)

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InfiniTube FM-200 (1X), #58-310



Stock **#62-833** 1 In Stock

-

1

+

€835⁰⁰

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General

Type:

Fixed Magnification Lens

Optical Properties

Primary Magnification PMAG:

Objective Required

Sensor	Temperature (°C)	Humidity (%)	Light Intensity (lux)	Soil Moisture (%)	CO2 Concentration (ppm)
S1	25.5	65.2	1200	45.8	400
S2	26.1	68.5	1150	48.3	410
S3	24.8	62.1	1250	43.5	390
S4	27.2	70.3	1100	50.1	420
S5	25.9	66.7	1180	46.9	405
S6	26.3	69.8	1120	49.5	415
S7	24.6	61.5	1220	44.2	395
S8	27.5	71.2	1080	51.0	425
S9	25.7	67.4	1160	47.6	408
S10	26.0	68.9	1140	48.8	412

2/3"

Threading & Mounting

C-Mount

Regulatory Compliance

Compliant

Compliant

View

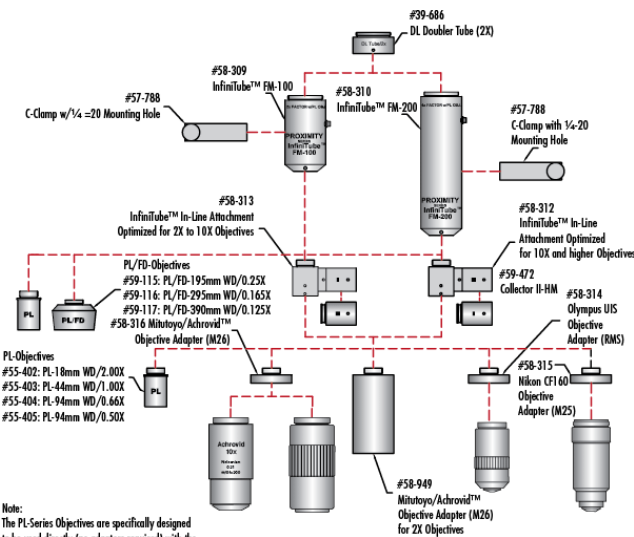
Product Details

- Direct to Video C-Mount for 2/3" and Smaller Sensor Cameras
- Internal Focusing

InfiniTube™ FMSystems are used to mount infinite-conjugate objectives to C-mount cameras, yielding magnifications not possible with ordinary video lenses, such as 50X magnification. The InfiniTube™ system can be configured in a variety of fashions. It can be utilized alone (InfiniTube™ [#58-310](#) or [#58-309](#)) for applications where illumination is provided from another source such as a backlight or directional illumination. The InfiniTube™ FMSystems can also be configured for in-line illumination with attachments. The first in-line attachment ([#58-313](#)) has been designed for high performance with objectives having a magnification of 10X or below and is not suggested for use with higher magnification objectives. The second in-line attachment ([#58-312](#)) has been designed to work with increased efficiency when used with magnifications of 10X or higher, but can be utilized with all magnifications. All in-line attachments accept our [Fiber Optic Light Guides](#) with a 0.312" tip diameter.

Note: [Standard system](#) for 2/3" sensors still available.

Technical Information



Note:
The PL-Series Objectives are specifically designed to be used directly (no adapters required) with the InfiniTube™ FM-Series Main Bodies

All PL-Series Objectives are amplified by 2X (InfinitiTube FM-100) or 4X (InfinitiTube™ FM-200) their engraved initial power ratings.

A DL 2X Tube can be used atop InfiniTube™ FM-Series Main Bodies to further amplify magnification by a 2X factor.

System Includes		Stock No.
InfiniTube In-Line Assembly Unit		#58-311
Hitachi KP-D20B Camera		#55-837
15.1" Diagonal LCD Monitor (US version only)		#56-522
Y-C Cable (6 ft.)		#39-255
Mitutoyo/Achrovid™ Objective Adapter		#58-316
MI-150 Fiber Optic Illuminator		#55-718
Fiber Optic Light Guide (48" L)		#39-367
Fiber Optic Adapter		#38-944
Standard Boom Stand		#54-120
Rack & Pinion Mounting Plate		#54-123
C-Clamp with 1/4-20 Mounting Hole		#57-788