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Standard Dual Port, InfiniTube

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Standard (with no In-Line Attachment), InfiniTube, #56-125



Stock **#65-610** [CONTACT US](#)

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1

+

€2.455⁰⁰

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General	
InfiniTube™ Dual Port	Model Number:
Fixed Magnification Lens	Type:
Optical Properties	

C-Mount

Mount:

Compliant

RoHS 2015:

Compliant

Reach 224:

View

Certificate of Conformance:

- Direct to Video C-Mount for 2/3" and Smaller Sensor Cameras ([InfiniTube™ FM Series](#) for 1/2")
- [Mitutoyo](#) and [Achromid™](#) Objectives Sold Separately
- Internal Focusing
- See Description Tab for Required Components

The first in-line attachment (**#56-126**) 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 unit (**#56-191**) has been designed to work with increased efficiency when used with magnifications of 10X or higher, but can be utilized with all magnifications. An InfiniTube™ In-line Assembly (**#54-590**) is also offered, comprised of the InfiniTube™ Standard and the higher magnification in-line attachment. This Assembly can be used with all magnifications. A filter holder, which attaches to the InfiniTube™ itself, can be added to the systems to introduce 25mm diameter filters. These lenses are commonly used in microscopy and wafer inspection.

A version of the InfiniTube™ is specifically designed only for Zeiss ICS-corrected objectives (#58-538, 160mm tube lens design). Shorter than the Standard model, this model has color-compatible correction for use exclusively with Zeiss ICS objectives. The RMS adapter (#53-786) is required to connect #58-538 to the Zeiss EC Plan-Neofluar® objectives.

Mounting clamp (#57-788) is included with #54-590, #56-125 and #58-538. Note that an objective, objective adapter, light guide, and illuminator are not included.

The diagram illustrates the Infinity® 125 Standard microscope system, showing the main body and various optional attachments. The main body is labeled #56-125 Infinity® 125 Standard. Key components and their part numbers are as follows:

- DL Doublur Tube (2X):** #39-686
- C-Clamp with 1/2-20 Mounting Hole:** #57-788
- Variable Iris Diaphragm:** #53-789
- Coaxial In-Line Attachment Optimized for 2X to 10X Objectives:** #56-126
- Collector II:** #59-722 (Available Option)
- Collector I:** #59-721 (Available Option)
- Mitoyo/Activoid™ Objective Adapter (M26):** #53-787
- Olympus UIS™ Objective Adapter (RMS):** #53-786
- Nikon CF160 Objective Adapter (M25):** #54-589
- IF-Objectives:**** #53-781: IF-1, #53-782: IF-2, #53-783: IF-3, #54-413: IF-3.5, #53-784: IF-4
- Filter Holder for Ø25mm Filters:** #56-192
- Coaxial In-Line Attachment Optimized for 10X and higher Objectives:** #56-191

*Note: IF-1, IF-2 and IF-3 are not suitable for use with Coaxial In-Line Attachment (#56-126).

#54-562	
Item	Stock No.
InfiniTube In-Line Assembly Unit	#54-590
Hitachi KP-D20B Camera	#55-837
15.1" LCD Monitor (US Version Only)	#56-522
Y-C Cable (6 ft.)	#39-255
Mitutoyo/Achrovid™ Objective Adapter	#53-787
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