



**INFINITY Photo-Optical Company** • Manufacturers of precision optical instruments.

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## Proximity™ Series: InfiniTube™ VIDEO/MACHINE VISION MICROSCOPES FM-Series™

Suggested List Prices

Effective: January 1, 2011

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### InfiniTube VIDEO/MACHINE VISION MICROSCOPES

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**InfiniTube FM-Series Main Bodies.** All InfiniTube FM-Series Main Bodies are designed for use with infinity-corrected objectives only. All FM-Series InfiniTubes incorporate Internal Focusing Capability adjustments and may be used with Infinity Photo-Optical objectives or with Mitutoyo, Nikon or Olympus objectives. The FM-100 is designed for very small camera sensors (e.g., 1/4-in.) or for use with a DL 2x Amplifier, thereby constructing a compact 200 mm standard-power system. The FM-200 is the choice for direct use with all objectives at standard microscopical magnifications. When used with equivalent of 200mm, the FM-Series covers up to 2/3-in. sensors.

The **PL-Series Objectives** (see below) provide extraordinary images at lower cost than traditional microscope objectives. When used with PL-Series Objectives, the **FM-50 has a 1x factor**, the **FM-75 has a 1.5x factor**, the **FM-100 has a 2x factor** and the **FM-200 has a 4x factor**. In such cases, the engraved magnification of the PL Objective is multiplied by those respective factors.

Please select the Main Body most appropriate to your needs.

210235	InfiniTube FM-50 Main Body.	\$ 475.00
210237	InfiniTube FM-75 Main Body.	495.00
210220	InfiniTube FM-100 Main Body w/internal focus.	495.00
210222	InfiniTube FM-200 Main Body w/internal focus.	495.00
210224	InfiniTube FM-200 Dual Port Main Body w/internal focus.	1,735.00
210225	InfiniTube FM-200 Right Angle Main Body w/internal focus.	1,535.00

#### Accessories and Adapters

991168	Mini Coaxial Illuminator w/LM Collector (for use with objectives up to 10x).	\$ 495.00
991169	Mini Coaxial Illuminator w/ HM Collector (for use with objectives 10x and higher).	495.00
991173	LM Collector (for use with up to objectives 10x).	95.00
991174	HM Collector (for use with objectives 10x and higher).	95.00
991183	Right Angle Front (for use w/PL Ultra Short Objective)	575.00
224000	Connector for 991183 and Mini Coaxial Illuminator. Allows 90° use of InfiniTube FM with Coaxial Illumination.	50.00
670905	CS-mount Spacer (C5). Required for CS-mount cameras	25.00
991127	Achrovid Objective Adapter (also suitable for Mitutoyo)	75.00
991147	Achrovid Objective Long Mount Adapter (also suitable for Mitutoyo)—Primarily for use with 2x Objectives.	75.00
991128	RMS Objective Adapter (e.g., Olympus)	75.00
991129	Nikon CFI60 Objective Adapter	75.00
990171	Small Mounting Clamp (optional)	85.00
770170	Large Mounting Clamp (requires Delrin Spacer-see below).	85.00
860200	Delrin Spacer (used with Large Mounting Clamp to Step-up from C-size Tube to T-size Tube)	30.00

continued

**PL-Series Objectives** (NO Adapter required—attach directly to FM-Series Main Body)

224118	PL-18mm W.D. (2.00x w/FM-50; 3.00x w/FM-75; 4.00x w/FM-100; 8.00x w/FM-200)	\$ 150.00
224018	PL-18mm W.D./2.00x Ultra-short Mount for 90-degree models	150.00
224135	PL-35mm W.D. (1.25x w/FM-50; 1.875x w/FM-75; 2.50x w/FM-100; 5.00x w/FM-200)	150.00
224144	PL-44mm W.D. (1.00x w/FM-50; 1.50x w/FM-75; 2.00x w/FM-100; 4.00x w/FM-200)	150.00
224044	PL-44mm W.D./1.00x Ultra-short Mount for Right Angle Front (991183)	150.00
224155	PL-55mm W.D. (0.83x w/FM-50; 1.25x w/FM-75; 1.65x w/FM-100; 3.3x w/FM-200)	150.00
224168	PL-68mm W.D. (0.66x w/FM-50; 1.00x w/FM-75; 1.33x w/FM-100; 2.66x w/FM-200)	150.00
224068	PL-68mm W.D./0.66x Ultra-short Mount for Right Angle Front (991183)	150.00
224194	PL-94mm W.D. (0.50x w/FM-50; 0.75x w/FM-75; 1.00x w/FM-100; 2.00x w/FM-200)	150.00
224094	PL-94mm W.D./0.50x Ultra-short Mount for Right Angle Front (991183)	150.00
210195	PL/FD-195mm W.D. (0.25x w/FM-50; 0.375x w/FM-75; 0.50x w/FM-100; 1.00x w/FM-200)	265.00
210295	PL/FD-295mm W.D. (0.167x w/FM-50; 0.25x w/FM-75; 0.33x w/FM-100; 0.66x w/FM-200)	265.00
210390	PL/FD-390mm W.D. (0.125x w/FM-50; 0.188x w/FM-75; 0.25x w/FM-100; 0.50x w/FM-200)	265.00

**Achrovid™ Nelsonian™ Objectives** (infinity-corrected/f=200mm)—#991127 Adapter or #991147 Adapter for 2x Objective required.

210301	Achrovid 2x/Nelsonian 0.054/ W.D. 37mm	\$ 410.00
210302	Achrovid 2.5x/Nelsonian 0.064/ W.D. 37mm	410.00
210303	Achrovid 3.3x/Nelsonian 0.077/ W.D. 37mm	410.00
210304	Achrovid 4x/Nelsonian 0.09/ W.D. 37mm	410.00
210305	Achrovid 5x/Nelsonian 0.12/ W.D. 37mm	410.00
210306	Achrovid 10x/Nelsonian 0.21/ W.D. 17.3mm	485.00

**Amplifiers**

690568	DL Tube/2x	\$ 195.00
220568	LDL 2x Power Module Amplifier (lockable for camera orientation)	275.00
220569	LDS 4x Power Module Amplifier (lockable for camera orientation)	335.00