

Stereo Microscope

MSM-465L/MSM-464L

Series 377

Features

- Superior quality optics provide high-resolution
- Crystal sharp, high color contrast image with excellent depth of field
- Always in sharp focus at all magnifications
- The Parfocal Optical System allows relaxed strain-free viewing
- Long working distance
- Extreme large field of view (23mm diameter)

The **MSM-465L, Order No. 377-990A**, is a high-accuracy four-step magnification stereo microscope. With a horizontal changer allowing 6X, 12X, 25X, and 50X magnifications with a standard 1X objective and 10X eyepieces, the MSM-465L has limitless capabilities for electrical small part inspection.

The **MSM-464L, Order No. 377-991A**, with its vertical five-step magnification changer is ideal for small part assembly. This stereo microscope with standard 6.4X, 10X, 16X, 25X, and 40X magnifications, has flexibility from 3.2X to 160X magnifications.

**MSM-465L
377-990A**



**MSM-464L
377-991A**



Specifications

Model	MSM-465L	MSM-464L
Order No.	377-990A	377-991A
Optical Tube	Binocular	Binocular
Total Magnification	6X-50X	6.4X-40X
Eyepiece	10X (377-456)	10X (377-456)
Objective	.6X, 1.2X, 2.5X, 5X	.64X, 1X, 1.6X, 2.5X, 4X
Working Distance	89mm	89mm
Field of View	23mm (377-456)	23mm (377-456)
Dimensions (H, W, D)	H=14.6" x W=13" x D=11"	H=14.3" x W=13" x D=11"
Mass	15.5 lbs. (7kgs.)	15.5 lbs. (7kgs.)

Optional Accessories

Photo System and Video System

Order No.	Description
377-486	Photo system for 377-990A , (A, B, C, D, see System Diagram)
377-487	Photo system for 377-991A , (A, B, C, E, see System Diagram)
377-488	Video system for 377-990A , (F, D, see System Diagram)
377-489	Video system for 377-991A , (F, G, see System Diagram)

Digital Imaging with Software

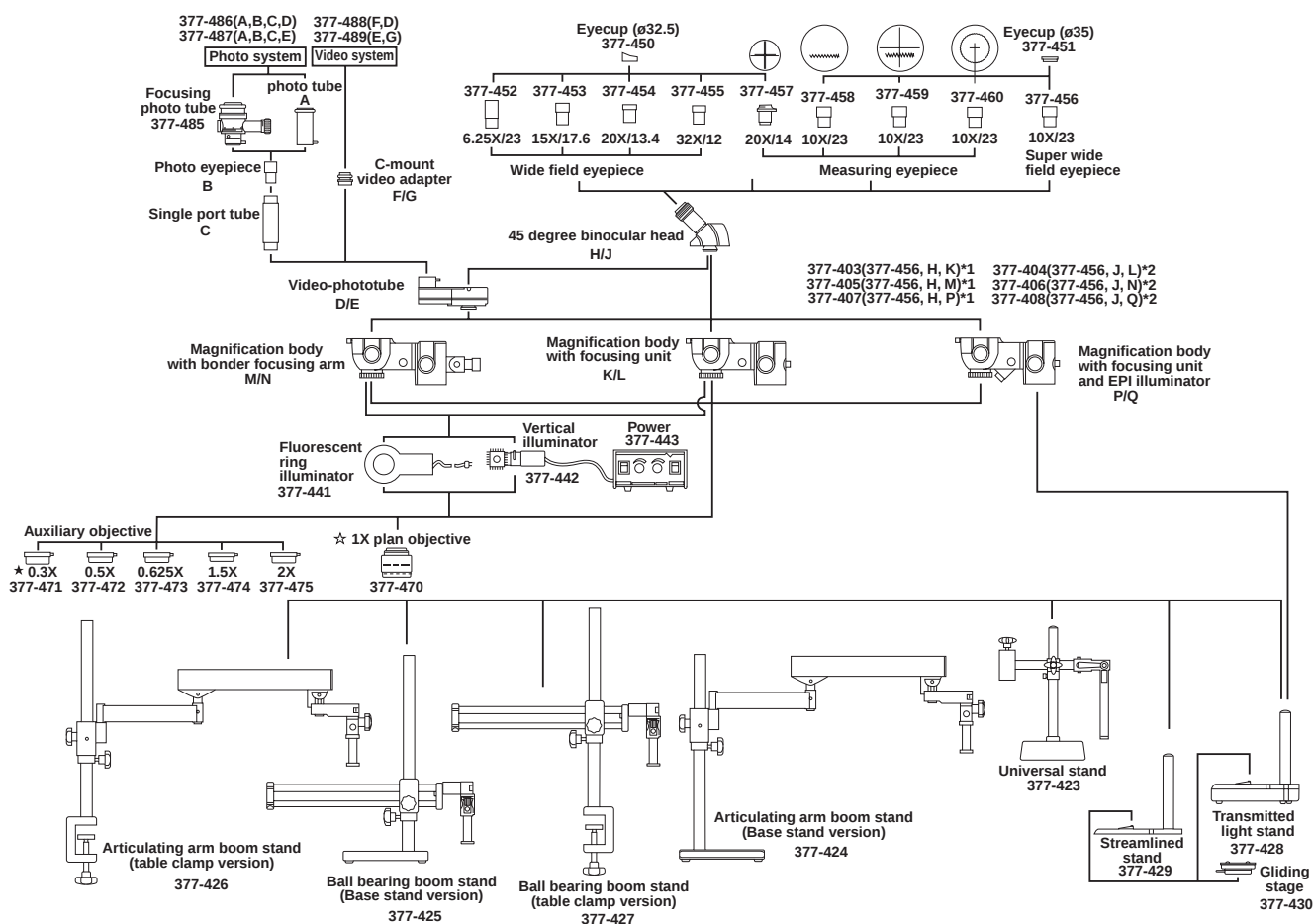
Order No.	Description
64PMI157*	Digital camera, 2.0 Megapixel, USB 2.0 interface
64PMI158*	Digital camera, 640 x 480 pixels, USB interface

* Must order **377-486** or **377-487**. See above.

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377-990A/377-991A SYSTEM DIAGRAM



☆ 1X plan objective can replace 1X standard built-in objective
 ★ 350mm long stand post is required. (377-431) *1(377-990A) *2(377-991A)