

hand held microscope

HFS-200

HFS-400



Description

Models HFS-200 and HFS-400 Hand Held Microscopes allow the user to visually inspect connectors for cleanliness and polish during connector assembly.

Each model offers high resolution, and utilizes a white light LED for coaxial illumination. Light is introduced into the optical path (axis) so that it comes out the tip of the objective lens and strikes the ferrule perpendicular to the endface. This method of illumination produces a high level of resolution providing excellent detail of scratches and contamination making both units ideal for a variety of applications including field, central office and manufacturing.

Features and Benefits

- ✓ **Universal 2.5mm Adapter**
Each unit comes standard with a Universal adapter that fits 2.5mm ferrules. Other connector style adapters are available .
- ✓ **Power Source**
Both models are powered by three (3) easy to obtain AAA Alkaline batteries.
- ✓ **LED Illumination**
Internal white LED illumination is rated for 100,000 hours of use.
- ✓ **Cupped Rubber Eyepiece**
Both units provide a comfortable eyepiece even while wearing glasses.
- ✓ **Magnification**
200x and 400x optics for either multimode or singlemode fiber.
- ✓ **Safety Filter**
Built in laser safety IR filter provides eye protection.
- ✓ **Accessible Controls**
Each model has a momentary ON/OFF switch for the light source, and a fine focus control wheel making adjustments easy and convenient for the user.

Wilcom

Specification

| | |
|--------------------------------|---------------------------------------|
| Connector Illumination: | White LED |
| LED Rated Life | 100,000 hours |
| Safety Filter: | Built-in |
| Controls: | Momentary ON/ OFF switch and focus |
| Dimensions: | |
| Length | 8.76 in (225mm) |
| Diameter | 1.25 in (32.0mm) |
| Weight: | 21.6oz (0.6kg) |
| Power: | 3 AAA Alkaline Batteries |
| Connector: | Universal 2.5mm |



Warranty

Wilcom's Models HFS-200 & HFS-400 Hand Held Microscopes are warranted for a period of one year to be free of defects in material and workmanship.

**ISO-9001:2000
Registered**

Ordering Information

| <u>Model No.</u> | <u>Description</u> | <u>Part No.</u> |
|------------------|---|-----------------|
| HFS-200 | 200X Hand Held (comes with 2.5mm Universal adapter) | 30020020 |
| HFS-400 | 400X Hand Held (comes with 2.5mm Universal adapter) | 30040010 |

Optional Connector Adapters

| | |
|-------------------------------|----------|
| FVS-2.5 Univ. 2.5mm Adapter | 30032175 |
| FVS-1.25 Univ. 1.25mm Adapter | 30032181 |
| FVS-MT-RJ MT-RJ Adapter | 30032190 |
| FVS-SMA SMA Adapter | 30032202 |
| FVS-APC (2.5mm) APC Adapter | 30032211 |
| FVS-LC LC Adapter | 30032259 |