

FerruleCam

Fiber Optic Connector Inspector

Features:

- *Small size, light weight*
- *Portable for field use*
- *Easy one-handed operation*
- *Sees contamination down to $0.5\mu\text{m}$*
- *$350\mu\text{m}$ horizontal field of view*
- *Built-in rechargeable battery*
- *Battery status indicator*



Inspect Male and Female connectors with ease

The FerruleCam Fiber Optic Connector Inspector is a true one-handed operation inspection device with a simple user-friendly focusing system. The scope can view connectors either in the bulkhead or as a "free" connector. It allows the user to inspect the connector end faces in a stable, high-resolution image detecting contamination and scratches as small as $0.5\mu\text{m}$.

It has approximately $350\mu\text{m}$ horizontal field of view, which allows inspection of the whole of the $250\mu\text{m}$ ferrule contact zone.



Specifications

| <i>Feature</i> | <i>AFXM-VD</i> | <i>AFXM-VDVC</i> |
|------------------------|---|---|
| Display | 3.5" Composite Video TFT | 5" Composite Video TFT |
| Video Standard | NTSC | NTSC |
| Resolution | Inspect contamination down to 0.5µm | Inspect contamination down to 0.5µm |
| Magnification | 200x | 280x |
| Field of View | Vertical: 265µm Horizontal: 350µm | Vertical: 267µm Horizontal: 371µm |
| Connection | 5-pin harsh environment push-pull connector | 5-pin harsh environment push-pull connector |
| Battery | Lithium ion | Ni-MH |
| Operation | Hand-held or desktop | Hand-held, shoulder strap or desktop |
| Operating temp. | 0° to 50° C | 0° to 50° C |
| Storage temp. | -20° to 70° C | -20° to 70° C |
| Data Storage | Available early 2006 | Via USB cable to PC hard drive |

Standard Accessories:

- **Video Microscope**
- **Monitor/battery pack unit**
- **Universal 2.5mm tip**
- **Charger/power supply**
- **Soft carrying case with shoulder strap**
- **USB cable included with the AFXM-VDVC**



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