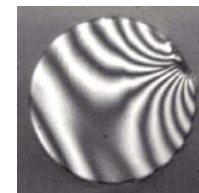
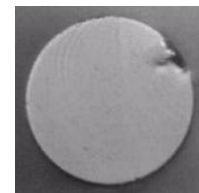


# The VF-20

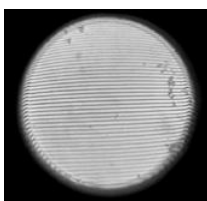


When fiber end quality really matters . . .



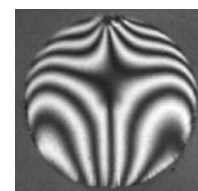
The VF-20 will check the surface quality and flatness of your cleaved, polished or lensed fiber end at the flick of a switch.

- Non-contact – no damage to the fiber under test
- Inspection and interferometric modes
- Easy to use – load fibers using kinematic fiber holder
- Measure perpendicular and angled fiber ends



Interferogram of 800um polished fiber end

Example of 8 degree cleave in optional angled fiber holder.



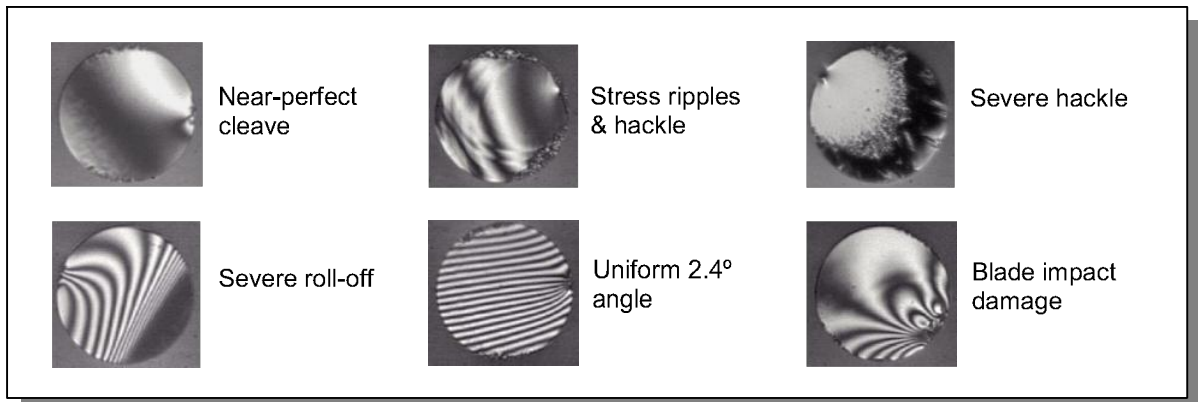
The VF-20 is an interferometric inspection system specifically designed for checking the quality of optical fiber ends. Based on the Michelson interferometer it has the following advantages over other systems:

- A long, 5mm, working distance to eliminate the risk of damaging the fiber end
- Large image size optimized for displaying fibers, not connectors.

Applications include:

- Cleaver manufacture or maintenance
- Component manufacture
- Fiber R&D – holey fiber, MEMs devices, etc.

Some typical interference patterns for fiber cleaves are shown below:



### Ordering information

Part no.	Description
<b>VF-20</b>	Fiber inspection system for fibres up to 125 um in diameter, including 125 um fiber holder
<b>VF-20 L</b>	For fibers up to 200um, with 200 um holder
<b>VF-20 W</b>	For fibers up to 1mm, with 800 um holder

All VF-20 system products above come with 9 inch monitor, BNC cable, power supply and user manual

### Options

<b>VF- H0 / 125</b>	Holder for 125um fiber; zero degrees
<b>VF- H8 / 125</b>	Holder for 125um fiber; tilted at 8°
<b>VF- H0 / 200</b>	Holder for 200um fiber; 0°
<b>VF- H0 / 800</b>	Holder for 800um fiber; 0°
<b>VF- H0 / 1000</b>	Holder for 1mm fiber; 0°
Other options including ferrule holders available on request	
<b>VF- MON12</b>	Monitor, monochrome, 12 inch
<b>VF- MON14</b>	Monitor, monochrome, 14 inch
<b>VF- FRA</b>	Framegrabber (USB ) plus software for acquiring, saving and printing images (Computer system not included)

### Technical details

Size(cm):	24W x 24D x 9H
Weight:	2.0kg
Display:	9 inch black & white monitor
Connectors:	BNC video 2.1mm power socket
Power supply:	12v in-line power supply

### Contact information

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Verify your fiber with... **The VF-20**