

Flaw Detection Inside and Out

Coupled with a diameter gauge and positioned after the secondary buffer coating station, the high-speed Flaw Detector Combo uses three planes of continuous light traveling through the optical fiber to ensure 360°, internal and external flaw detection over 100% of your product. This patented method precisely detects bubbles, delaminations, lumps and neckdowns and other flaws at draw speeds exceeding 45m/sec.



Model 360/200FI Flaw Detector Combo

Diameter Specification	See Part Number: 84637
Minimum Flaw Length	None
Minimum Flaw Size	3 microns
Maximum Fiber Diameter	260 microns
Number of Axes	3
Working Area	1 mm x 1 mm square, centered at the intersection of the three laser beams
Line Speed	≥45m/sec.

Part Number: 84638

- Ⓔ Detects flaws of any length as small as 3 microns in height such as bubbles, delaminations, lumps and neckdowns at draw speeds in excess of 45 m/sec
- Ⓔ Two threshold levels for short and long duration flaws
- Ⓔ Rugged, pressurized housing keeps out contaminants
- Ⓔ Nitrogen Purge keeps gauge lens clean to insure accurate readings
- Ⓔ Includes Scan Cable (15meter)

Options

Options	Part #
1500 Scan Option	83426
2000 Scan Option	83920
230VAC Option	83521

Accessories

Accessories	Part #
Diameter-XY Calibration Fixture (127 μm/254 μm)	84618
Diameter-XY Calibration Fixture (200 μm/300 μm)	84642
Diameter-XY Calibration Fixture (254 μm/1250 μm)	84641
Flaw Detector-Calibration Pendant	83403
Flaw Detector-Calibration Fixture	84428
Calibration Fixture—Fiber Holder Kit	84704

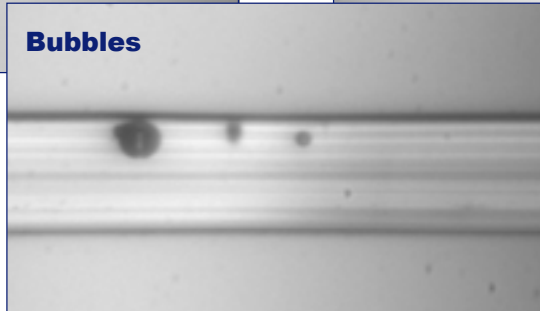
Lumps



Neckdowns



Bubbles



Delaminations

