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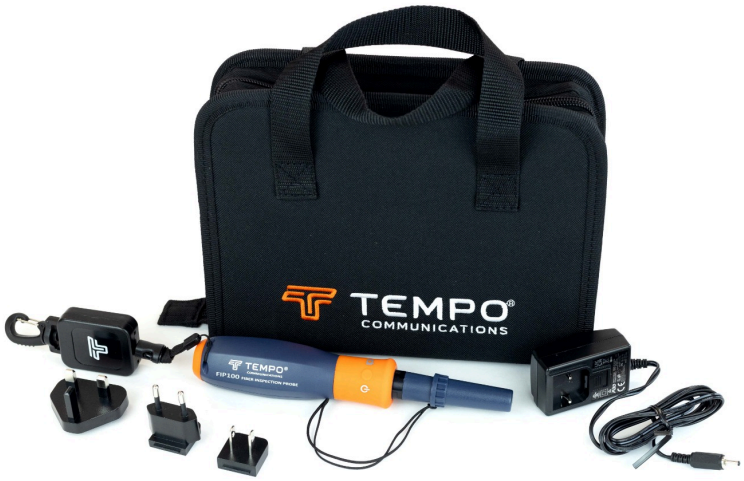
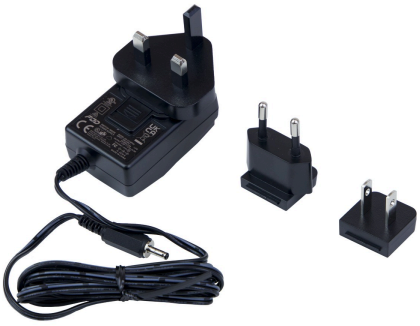
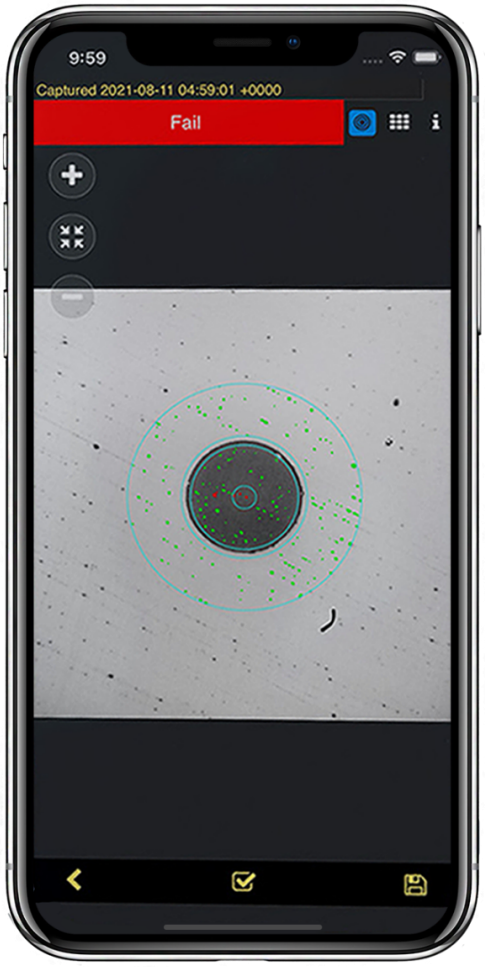
Fibre Inspection Probe Kit

Product Images

Product Code: C00-9901







Short Description

The FIP100 is a fully automated inspection tool that provides fast and reliable analysis of fibre optic connector end faces and bulkheads. With a single button press, the FIP100 automatically focuses, captures an image of the connector end face and provides a pass/fail result. The pass/fail status of the connector is instantly reported via a red/green LED on the probe. Detailed results are shown on the iOS or Android app, which provides PDF report generation and sharing. Both apps are pre-loaded with pass/fail requirements from IEC 61300-3-35, as required by all major telecommunications service providers.

Product Features

- Test ferrule end faces and bulkheads compliant to IEC61300-3-35
- Single-handed, one button operation
- Auto focus, auto capture, auto test
- LED pass/fail indicator on probe
- Small form factor enables inspection of difficult to reach ports
- Create and share reports on Android and iOS devices
- IEC, IPC and user defined inspection criteria
- Wide range of adapter tips

Applications

- Verify connector cleanliness before connecting
- Certify connector condition on installation
- Document connector damage when troubleshooting
- Inspection is essential for proper fibre handling in all networks

Pass/fail results in seconds: With the press of a single button, the FIP100 auto-focuses, captures, centers, and analyses the end[1]face image to industry standard IEC 61300-3-35, IPC-8497-1, AT&T TP-76461 and other user-defined criteria.

Untethered operation: One-button operation and pass/fail LED indicator enables operation without reference to the mobile app.

Wide range of adapter tips: Interchangeable adapter tips support fibre connector inspection for a wide range of patch cords and bulkhead-mounted connectors having either PC/UPC or APC polished end faces.

Operating features

- WiFi Characteristics IEEE 802.11bng
- Focus Auto-focus (≤3 sec) and manual focus
- Centering Auto-centering (<1 sec)
- Button Functionality Power On/Off (>3 secs); Capture/Analysis/
- Auto-save/Live
- Main LED Functionality Blue = Connected to App, Green = Pass,
- Red = Fail
- Magnification b Variable from 80X to 700X, in Live and
- Capture modes
- Applications Compatibility Android ≥4.0.3, iOS ≥8.1
- Image Capture with Pass/Fail Analysis c IEC 61300-3-35, AT&T TP-76461, IPC[1]8497-1, user-set criteria
- Image File Format JPEG, GIF
- Image & Pass/Fail Results Storage c Yes
- File Storage Capacity c Unlimited
- Result Manager c Storage, rename, delete, transfer
- Reporting c Built-in fillable PDF reporter
- Supported Languages c English, French, German, Japanese,
- Korean, Russian, Spanish

Physical and power characteristics

- Battery Type Li-Ion, non-replaceable by user

- Maximum Charger Current Draw 1.2A, battery charge current + device
- consumption current
- Operating Time (typical) 60 hours d; 8 hours continuous
- Recharge Time ≤4 hours
- Low-Battery Warning Viewed on smart device
- Charging LED Status; viewed on smart device Red = Charging, Green = Fully Charged,
- Blinking Red/Green = Battery Fault
- Power Save Features (Controlled by App)
- Probe Auto-Off – disabled, 5, 10, 30, 60
- minutes; Probe WiFi Not Connected – 5 minutes
- AC Charger Voltage, Frequency, Current 100-240VAC, 50/60Hz, 5VDC, 2A
- Charger Jack 0.9 x 3.2 mm barrel, center (tip) positive
- Size (Max Diameter x Length) Ø 40 x 226 mm (Ø 1.6 x 8.9 in)
- Weight 150 g (5.3 oz)

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