



LOTUS

PORTABLE FIBRE OPTIC SCOPE

(WITH HAND HELD MONITOR)



LOTUS Portable fibroscope search equipment with video monitor and endoscopic probe Endoscopic probe, Flexible, Protective and crush resistant, coiled steel sheath with PVC coating for optic fiber cable. Fuel / organic solvent / water / chemical resistant.

Insulated and electric shock proof resistant. Effective length – 2 meter, Outer diameter – 8 mm (Option size available with 1, 2, 3, 4, 5, 6 MWS length & with dia 5 mm to 10 mm)

Search Heads: has miniature CCD Camera & 2 LED light source to view narrow, deep and dark cavities through the small aperture.

Camera: 4.5 mm dia, colour miniature CCD camera, housed within the search head tip with 4.84 mega pixels resolution.

Lens: FOV 100 degrees. The depth of field of view is 5 mm – 120 mm. Additional wide angle optical tip is provided with conventional optical tip. Cold light source, LED, bright enough to give clear images of objects placed in deep cavities.

Battery: 12V (Sealed Maintenance Free) SMF rechargeable battery.

Dimensions of control unit: approx 300 mm x 200 mm x 125 mm

Lamp life: approx 5000 hours. with brightness control. Additional spare lamps can also be provided. (Optional)

Display monitor:

- Light weight TFT-LCD colour monitor 5 inch installed on the hand held unit. Controls Integrated with display monitor
- Probe Search head articulation in four directions, at 93 degrees. Optical magnification is 11X.
- 2 GB card capacity to store above 1100 images. It has facility of video image processing in inbuilt memory. The data card is easily removable from the control unit without using any tools
- Works on PAL / NTSC option
- Power source AC power – 160 V to 250 V; 50 Hz
- DC Power – Rechargeable battery (Li-ion/ Ni-mh) Battery of 2.5 hours operations each with one extra spare battery provided. Approx weight of battery : 300 grams
- Battery charging level indicator along with status of charging on the charger is indicated
- Push to On / Off switch for continuous operation. Membrane key pads for detailed controls
- Connection for image / video display in external monitor through wire.
- Equipment is shock / vibration proof, capable of operations at -20 deg C to + 65 deg C, Humidity : upto 95% (non-condensing)

Weight of equipment : approx 5 Kgs.

Carrying case: Weather proof, shock proof moulded carrying case lined with protective foam.



PORTABLE FIBROSCOPE



Warranty—Standard 1 year AMC available (optional). Sufficient spares are available in stock and future available.

Training tools , Technical manual , Practical training , User’s handbook & literature on preservation / maintenance of equipment provided , along with procedure for packing, handling, transportation and storage with equipment.

Quality Control Certifications



Product Features



Due to ongoing R&D & product improvization, specifications , pictures & features of the product are subject to change without any notice .



Lotus Defence & Aerospace Technologies Pvt Ltd.

Mkt office : 1059 Industrial Area, Phase-2 Chandigarh- 160002 India

Tel/Whatsapp : 9915381500, 9316040085 , 9316040485

Tel : 0172-2652002, 5075175

Email : sales@lotusdefence.com, sales@securityequipments.com

Website: www.lotusdefence.com, www.securityequipments.com

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