

LEMO Mini Mobile Lab complete with POP311 Polisher



LEMO MINI MOBILE LAB FOR TERMINATION/REPAIRS OF HD FIBRE CONNECTORS

(Part Number: UKE.0015.MML.F2.01)

The LEMO Mini Mobile Lab contains all the tooling required to terminate small quantities of the LEMO 3K.93C (SMPTE 304M) connector to any HD Fibre Hybrid (SMPTE 311M) cables using either pre-terminated or polished contacts, as well as for any other LEMO connector employing the F2 fibre contacts, including all cable preparation, contact crimping and cleaning tooling, and cable potting equipment for both electrical and fibre contacts. The only items not included are electrical test equipment (continuity tester), hot air gun for heatshrink and thread-locking compound, as these are commonly available, or the connector components.

LEMO Mini Mobile Lab contains the following items:

PRE-TERMINATED FIBRE OPTIC CONTACT WORKSTATION

(Part Number: DRV.91.3K9.3CPRET)

Contents of the pre-terminated contact workstation include all the necessary cable termination equipment such as manual electrical contact crimp tools, outer jacket strippers, armoured cable cutters, wire strippers, Kevlar cutters, primary coat strippers, "no-nik" strippers, cleaver, epoxy gun and epoxy for termination of the pre-terminated F2 contact.

It is sold as a separate item using the part number DRV.91.3K9.3CPRET for those customers wanting to use the pre-terminated F2 contact only, which provides the user with a means of termination of the fibres without the use of epoxy, or polishing. The F2 pre-terminated fibre optic contact is designed as a repair solution but may also be used for indoor fixed installations. It is intended for use in situations where it is critical that a cable be repaired quickly. The pre-terminated contacts enable simple and rapid on-site-terminations for SMPTE-311M or any other LEMO fibre or hybrid cables.

The oven and polisher items below are specifically necessary for those customers wishing to terminate using the "epoxy/polish" process for a more permanent fibre termination and these items are all included in the mini mobile lab.





CURING OVEN WITH CURING JIG AND FIBRE SHIELDS

A curing oven is needed to ensure proper curing of the epoxy once the fibre contacts are terminated. Also provided are a curing jig and a set of fibre shields to protect the contacts during this process.

POP POLISHER WITH JIG FOR HOLDING HD FIBRE CABLE

The POP polisher has been specially modified to take the LEMO F2 fibre contact and a jig for holding the HD fibre cable at precisely the right point is also included, along with some polishing consumables to get you started.



			
Portable OTDR	Fibre end-face viewer	Fibre end-face cleaner	Repair components

The following items for testing and maintaining your HD fibre connectors are included in the mini mobile lab:

FIBRE END-FACE VIEWER

A fibre end-face viewer is the best means of seeing the physical state of the contact at its most critical point and is also an invaluable piece of equipment for checking the contacts when cables are deployed. This unit comes complete with adaptors for not only the LEMO F2 contact, but also a range of industry standard fibre contacts.

PORTABLE OTDR COMPLETE WITH 3 SETS OF TEST LEADS

An OTDR is essential for checking that you have the appropriate return loss for your polished contacts thus avoiding potential damage to lasers through poor back reflection. It is also beneficial for locating faults within long lengths of cables. Test leads (50m length) with LEMO F2 and FC/PC and FC/APC connectors are provided.

FIBRE CONTACT CLEANER

Whilst the best method of cleaning fibre contacts is by the use of cotton buds and alcohol, a “one-click” operation cleaner is extremely useful for speedy cleaning of contacts.

Also included are sundry items needed for termination – termination instructions, indelible marker, metal ruler, scissors, sharps bin, spare epoxy syringes/mixers/needles, cotton buds, tweezers and alcohol dispenser, as well as additional assembly tooling (spanners and pliers) specifically designed for the LEMO 3K.93C SMPTE connector.

PRE-TERMINATED CONTACTS, CONNECTORS & REPAIR KITS ARE ALL SOLD SEPARATELY

For details of connector part number please refer to either the LEMO 3K.93C catalogue or the LEMO HD Fibre links handbook, both of which can be downloaded from our website – www.lemo.co.uk

Some additional useful part numbers are listed below.

Part Number:	Description:
FFT.F2.BA2.LCE10	Pre-terminated F2 fibre optic contact – male
PST.F2.BA2.LCE10	Pre-terminated F2 fibre optic contact – female
FUW.3K.93C.ZLMC96W	Repair kit for SMPTE plug (FUW.3K.93C model) including pre-terminated contacts
PUW.3K.93C.ZLCC96W	Repair kit for SMPTE socket (PUW.3K.93C model) including pre-terminated contacts
FFS.F2.BA2.LCE30	Male Contact for epoxy/polish process
PSS.F2.BA2.LCE30	Female Contact for epoxy/polish process

	
LEMO F2 contact for epoxy/polish process	LEMO F2 pre-terminated contact

