

LUDOPTIC - OPTIC DRAWER

PRODUCT OVERVIEW

The fibre-to-fibre match between the outdoor distribution frame and the subscriber connection node must be checked among all the operations of optic fibre deployment operations. This test is realised using a visible laser ('optic crayon'): a control made by 2 persons, one injecting the laser signal into the outdoor distribution frame and the other one controlling the light at the other end, into the subscriber connection nodes.

Ludoptic is an optic drawer equipped with 24 laser emitters, which can be controlled remotely, using an app on your smartphone. Thanks to its efficiency, it enables productivity gain during the operations of verification. If it is used during the deployment phase, a control can be made when the subscriber connection nodes are installed. This avoids the controls needing the subscriber connection nodes to be opened again. Its phOTO₂ time-stamping feature enables one to stamp on pictures the optic route's information to make reliable controls and simplify their recordings. Our goal is to sustain the quality of your networks. The laser power is adjustable from 1 up to 30mW to adapt the light intensity at the end of the fibre. In this way, the risks of using a 3B class laser are reduced.



FEATURES

- ▶ It speeds up the FTTH network deployment.
- ▶ It boosts the quality of the operations for the network verifications.
- ▶ It supports the security of the person making continuity tests.
- ▶ It adapts itself to the length of the tested optical link

An all-in-one solution : the tool and its services included

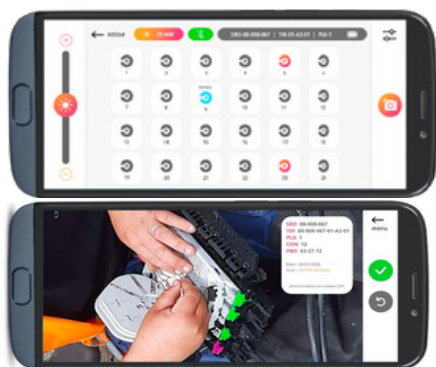


- Fixed frame of 19" 2U height and 130mm deep, quick fastening, without losable pieces
- 24 independent laser sources, power adjustable from 1 up to 30 mW with laser security warnings
- 2900 Ah rechargeable lithium battery included space for 6-cell battery backup
- USB-C port for charging or connection to an external power supply



- Communication through a GSM (2G/3G/4G) network for optimal geographic coverage
- SIM Card included for 10 years of use





- Mobile App available on Androids and Apple Stores
- Remote control of 24 lasers and power adjustment
- PhOTO₂ time-stamping feature
- Picture storage on an Omelcom cloud, covered for 2 weeks, guaranteeing backups in case of issues

SERVICES

► Mobile application

- No limit to the number of users
- Compatible with all Android and Apple versions
- Compatible with all kinds of smartphones and tablets

► Access to all the control and time-stamping functions of the entire Omelcom Ludopticerange

- Creation, modification, and deletion of the user account
- Search, addition or deletion of a device
- Remote control of all Omelcom's Ludoptic range devices
- Renaming the Ludoptics devices to time-stamp the optical route on the control pictures
- Storage of the time-stamped pictures
- Explanatory videos to take up the tool

► Periodic updates of the application

- Bug correction
- Follow-up of the release of new devices
- Follow-up of the updates for OS Android and Apple

► Pre-paid SIM Card

- To use the product for 10 years, without any subscription or usage fee.
- Configured to communicate through the biggest European Telcos without roaming fees
- Already installed and pre-configured with the operator networks and indexed on the web server

► Webserver

- Securing the communication between Ludoptic tools and the mobile application
- Storing your time-stamped phOTO₂s for 2 weeks at a time
- Hosting of your user account and personal data in France
- Encryption of your password and daily data backup

► 2-year parts and labour warranty

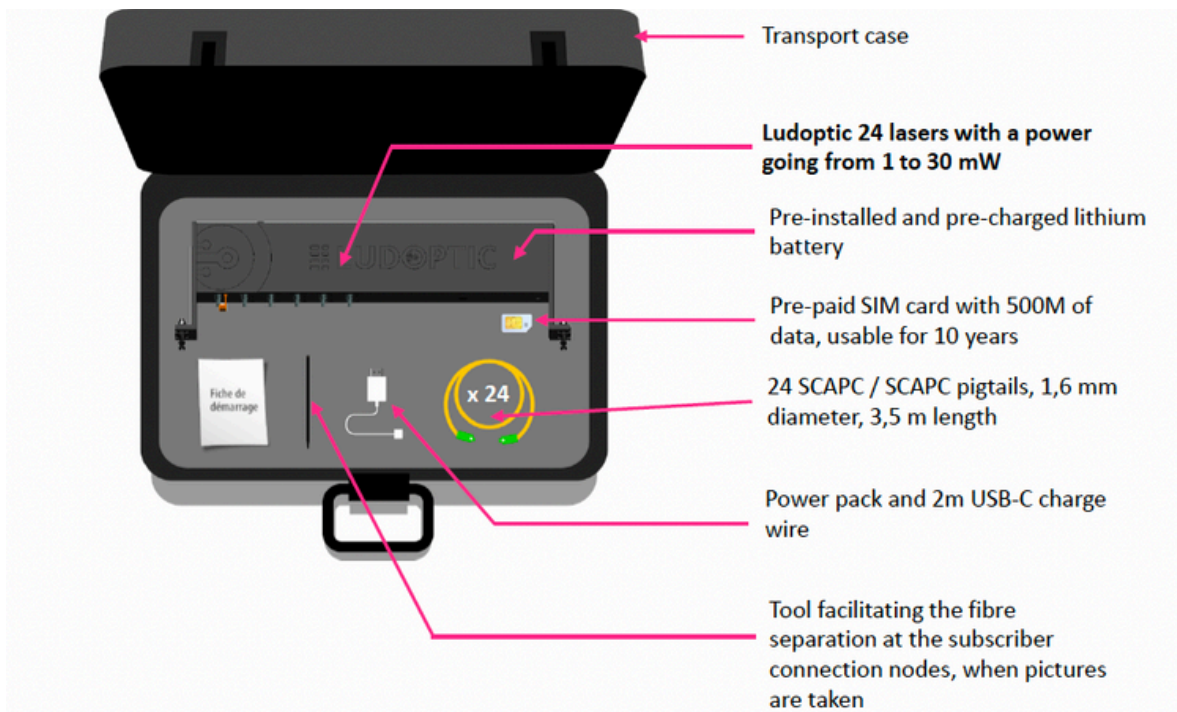
- In-house after-sales service available by e-mail and telephone during office hours
- Full transparency on repair costs
- Fast response to your breakdowns
- Rental offer during the repair period

► 1/2 coaching day

- Test in real situations, on your networks
- Help for your teams to get started



SPECIFICATIONS



Ludoptic Composition

Reference	Designation	UV
PO140	LUDOPTIC Including the composition described above and all the service listed on the previous page	1

ACCESSORIES

Part Number	Designation	UV
PO135	LASER PROTECTION GLASSES	1
AO098_x_35	REPLACEMENT PATCHCORD (3,5 m diam 1,6 mm SCAPC/SCAPC)	1
IO420	MINI-BREAK OUT 24F0 G657A2 DUOPRECO SCAPC/SCAPC 3,5M	1

