

# ARGUS® Enhancement: Optical Loss Test Set (OLTS)

## ARGUS® Optical Power Meter (OPM)

The powerful and high-precision ARGUS® Optical Power Meter in the SFP form factor measures optical power in fiber optic networks (e.g. GPON). The power level is displayed live and can be stored in the device as a measurement protocol. Optical Power Meter and Optical Light Source form together an Optical Loss Test Set.

- Measuring range: from -60 to +6 dBm
- Accuracy:  $\pm 0.25$  dB
- Wavelength range: 850 to 1675 nm
- GPON wavelengths: 1310 nm, 1490 nm and 1550 nm
- Optional Calibration at 1310, 1490 and 1550 nm (-20 dBm), 20 °C
- Connector: SC (compatible with APC and UPC)

## Optical Light Source (OLS)

The Optical Light Source transmits an identifier that the OPM can detect and evaluate. It always transmits with the same, fixed transmission power. The ARGUS® 300 and ARGUS® 260 automatically detect the wavelength at which it is transmitting. The Optical Power Meter then displays the attenuation. The Optical Light Source can switch through the wavelengths one after the other.

### Specifications:

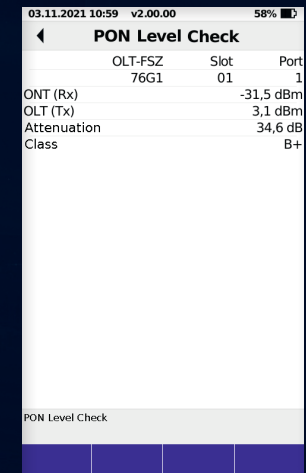
- Wavelength: 1310 nm, 1490 nm, 1550 nm + 1625 nm ( $\pm 20$  nm)
- Stability:
  - Short term (15 minutes): 1310 nm  $\leq \pm 0.05$  dB
  - 1490 nm  $\leq \pm 0.10$  dB
  - 1550 nm  $\leq \pm 0.05$  dB
  - 1625 nm  $\leq \pm 0.10$  dB
- Long term (5 hours): 1310 nm  $\leq \pm 0.10$  dB
- 1490 nm  $\leq \pm 0.20$  dB
- 1550 nm  $\leq \pm 0.10$  dB
- 1625 nm  $\leq \pm 0.20$  dB
- Connector: SC/APC with dust protection and protection against loss
- Spectral width: 5 nm
- Frequency: 270 Hz, 1 KHz, 2 KHz
- Auto wavelength: protocol-based wavelength and TX power transmission
- Power: -5 dBm  $\pm 0.5$  dB
- Auto power off / Backlight: yes
- Power supply: 2x Ni-MH AA (2500 mAh), AC/DC charger
- Dimension (L x W x H): 160 x 76 x 45 mm
- Net weight: 270 g
- Accessories: AC/DC charger, 2x AA battery, calibration report



**ARGUS®**  
testing the telecom network



Wavelength 1310 nm



PON level check against OLS

Available for:



**intec**

GESELLSCHAFT FÜR  
INFORMATIONSTECHNIK mbH

Expand your ARGUS® now with the **Optical Light Source** (Art. no. 000280) and the **ARGUS® Optical Power Meter** (Option incl. stick):

Art. no.: 030080 (ARGUS® 300) / Art. no.: 026080 (ARGUS® 260) / Art. no.: 016647 (ARGUS® 166) / Art. no.: 016347 (ARGUS® 163)

Rahmedestraße 90 · D-58507 Lüdenscheid · Tel. +49 23 51 / 90 70-0 · Email: sales@argus.info · www.argus.info/en



www.facebook.com/intec.argus



www.instagram.com/intec\_argus



ARGUS testing the telecom network



https://www.linkedin.com/company/441568