



# ation system P-Line

of the InterCable FOS P-Line  
 able measuring tasks in low  
 dual variants of the Inter-  
 lected in cooperation with  
 ted to practice. The proven  
 Arc Reflection Technique)  
 location of high impedance



**portable  
 and functionality**

ual devices that  
 other  
 or the selection  
 itage levels  
 rd single shot mode  
 er test and the system  
 high voltage according

portable in small vehicles

## SPECIFICATIONS: FOS P-Line

### Operating modes

- DC-test  
 output voltage \_\_\_\_\_ depending on system version  
 P-4, P-5, P-12, P-24, P-32i — 4, 5, 12, 24, 32 kV
- prelocation  
 InterFlex measuring ranges — 0–63 km  
 velocity \_\_\_\_\_ V/2 = 40–150 m/μs  
 impulse width \_\_\_\_\_ 50 ns up to 10 μs  
 ART surge \_\_\_\_\_ depending on system version  
 P-4, P-5 \_\_\_\_\_ 0–4 kV  
 P-12, P-24 \_\_\_\_\_ 0–3/6/12, 0–6/12/24 kV  
 P-32i \_\_\_\_\_ 0-8/16/32 kV  
 surge pulse \_\_\_\_\_ single shot
- pinpointing  
 surge voltage \_\_\_\_\_ depending on system version  
 P-4, P-5 \_\_\_\_\_ 0–4 kV  
 P-12, P-24 \_\_\_\_\_ 0–3/6/12, 0–6/12/24 kV  
 P-32i \_\_\_\_\_ 0-8/16/32 kV  
 surge power \_\_\_\_\_ depending on system version  
 P-4, P-5 \_\_\_\_\_ 520, 1000 J  
 P-12, P-24 \_\_\_\_\_ 1000 J  
 P-32i \_\_\_\_\_ 1000/2000 J  
 surge pulse \_\_\_\_\_ 3.5 s ≤ 10 s or single shot

### Power supply

- mains voltage \_\_\_\_\_ 230 V, 50/60 Hz
- power consumption \_\_\_\_\_ depending on system version  
 P-4, P-5 \_\_\_\_\_ 600, 700 VA  
 P-12, P-24, P-32i \_\_\_\_\_ 2000 VA
- weight  
 P-4, P-5, P-12, P-24, P-32i — approx. 51, 65, 100, 115, 175 kg

## SCOPE OF SUPPLY

- InterFlex 130, surge generator according system version
- set of connecting cables with clamps
- bag, user manual

### Optional accessories

- acoustic pinpointing system Kamphone
- cable sheath test set InterSheath
- cable selection set CableSelect
- locating technique Locator Set 50



## InterFlex 130



The time domain reflectometer InterFlex 130 built in a rugged plastic bag belongs to the basic equipment of the fault location system InterCable FOS P-Line. By means of a clearly arranged coloured 10.4" VGA screen with a structural design, the InterFlex 130 displays the digitally recorded measured values in a clearly legible format, and automates a significant part of the measurement work. The settings and measurement results are permanently displayed.

## PS4



The surge generator PS4 is the main component of the **system version P-4** from the cable fault location system InterCable FOS P-Line. With the surge energy of 520 J as well as the integrated ART surge mode (Arc Reflection Technique) the unit is well equipped for a fast prelocation with following pinpointing of cable faults in low voltage networks.

- PS4 surging 0...4 kV / 520 J DC-test up to 4 kV

## PS4-A1001



The surge generator PS4-A1001 is the main component of the **system version P-5 1000** from the cable fault location system InterCable FOS P-Line. The surge energy of this surge generator is increased to 1000 J for better pinpointing properties. Additional safety circuits are built in. In course of this development the earth resistance and the voltage-time integral are monitored. Also available with integrated reflectometer **P-5i**.

- PS4-A1001 surging 0...4 kV / 1000 J DC-test up to 5 kV

## PS12 and PS24



The surge generators PS12 and PS24 are important parts of the highest powerful **system versions P-12 and P-24** of the cable fault location system InterCable FOS P-Line. The key benefits are high surge energy of 1000 J and selectable surge voltage levels 3/6/12 kV in system version P12 and 6/12/24 kV in system version P-24. The maximum surge energy of 1000 J is available in all surge voltage levels. The ART method (Arc Reflection Technique) is integrated for the pre location of high impedance cable faults.

- PS12 surging 0...3/6/12 kV / 1000 J DC-test up to 12 kV
- PS24 surging 0...6/12/24 kV / 1000 J DC-test up to 24 kV