

InterFlex 140

The InterFlex 140 is available as a portable unit as well as for installation in fault location systems.

The Arc Reflection Technique (ART) method and other optional methods as SCC and Decay can be used for the location of high impedance cable faults.

The InterFlex 140 shows the digitally recorded measurement values in a clear format and automates a significant part of the measurement work. The three phase measurement enables fast comparisons between the phases.



- *three phase reflectometer*
- *suitable for modernisations*
- *large colour display*

FEATURES

- large, colour, 10.4" VGA display
- intuitive menu-driven operation using two operating elements
- differential and comparison measurement
- high refreshing rate of data logging and display
- software-independent setting of amplification without interruption of the data logging
- built-in archive functions for managing curves, settings and velocities of propagation
- 2 versions available: portable (140-P) and mounted (140-M) for 19" installation

SPECIFICATIONS:

Operating modes

- time domain reflection ____ TDR-direct measurement measurement (three phases)
- arc reflection surging ____ ART-surging

optional prelocation methods:

- current decoupling ____ SCC surging
- decay ____ DVC decay
- arc reflection burning ____ ART-burning

Specific characteristics

- measuring range ____ 0 ...95km / 0...250 km
- pulse width ____ 50- 500 ns, 1 - 10 μ s
- pulse amplitude ____ 60 V
- velocity of propagation ____ $V/2 = 40\text{m}/\mu\text{s}$ up to 149,9 m/ μ s
- display ____ VGA colour TFT LC display, 10.4 "
- display mode ____ single- and three phase
- distance measurement ____ cursor, manual or automatic
- memory capabilities ____ 200 storage spaces
- interface ____ USB
- weight ____ 6 / 7 kg

Power supply

- operation voltage ____ 85 -264 V, 50/60 Hz, optional 12 V rec.battery
- power consumption ____ 25 VA

Environmental

- operation temperature ____ -20 °C ... +50 °C
- storage temperature ____ -40 °C ... +60 °C

SCOPE OF SUPPLY

- InterFlex 140-P
- bag with connection cables and clamps
- CD with data transfer software InterFlex Com
- data transfer cable
- operation manual