

NSF E

The new flexible solution to integrate portable devices into a Combi-System

Benefits

- ▶ Can manage any HV device up to 40 kV*
- ▶ Maximum safety using FU/EP safety system
- ▶ Multilingual display

Functional description

The NSF E system control panel provides the possibility to combine up to four existing or new units into one single phased system and to manage their operation via a central control while providing the maximum of operational comfort and highest safety.

Through its connection to the system control panel, each of the devices is integrated into a control and safety concept adapted to the requirements of cable diagnosis, testing and fault location.

The NSF E system control panel has an integrated, adaptable control with rotary encoder. This control can be configured for almost any device. The control includes power switches, HV On/Off, Emergency Off and an integrated FU/EP safety system. The display shows the input voltage and current, the messages of the safety system and the selection menu for the connected devices. All messages appear in full text in user language.

Depending on age, hardware status and version of the devices involved, a direct control of mains and HV through the controls in the NSF E system control panel will be possible.

Software updates, language versions and other adaptations to customer requirements can be installed via the USB port. It also permits the download of service information and error logs.

The system accessories include HV, mains and auxiliary earth cable drum and a HV connection terminal or a HV switch.

Features

- ▶ Implementation of stand-alone devices into a system
- ▶ Maximum SebaKMT safety
- ▶ Effortless control of all the devices
- ▶ No additional wiring between separate units

Options

- ▶ HV and mains cable drums
- ▶ Digiphone, ESG 80, FLE
- ▶ **NSF with higher current (Power)
- ▶ *Output voltages of connected devices up to 60 kV



Technical Data

Power supply	230 V (115 V) 50/60 Hz
Max. connectable Power*	3.6 kVA** (see options)
Display	TFT display 320 x 240, 3.7", color
Interfaces	USB (service, updates, error logs)
Socket outlet	230 V, max. 10 A
Safety functions	FU/EP safety system
Dimensions (W x H x D)	19" x 5U x 260 mm
Weight	9 kg
Operating temperature	-25 °C ... +55 °C
Operating humidity	+30 °C, 93 % rel. hum.
Storage temperature	-25 °C ... +70 °C
Protection class	IP 20

Possible solutions

A system built and based on the NSF E can include the following classes of stand-alone devices from the SebaKMT product family as well as almost any other equipment:



- ▶ Surge wave generators (SPGs, SWGs)
- ▶ Test systems (VLF Cosine and Sinus, DC testers)
- ▶ Diagnostic systems (OWTS, Tan Delta test system)
- ▶ Burn down instruments (T22/13, MMG)
- ▶ LV devices (Reflectometers (TDR), AF generators)