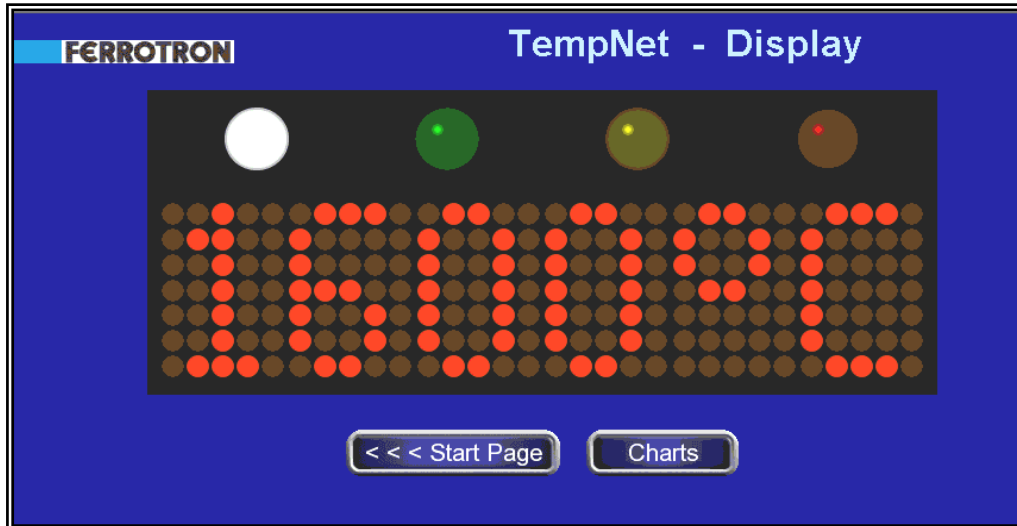# Temperature measurement device
Ferrotron TempNet

Microprocessor controlled evaluation device performed in a dust- and splash-proof sheet metal enclosure for measurement in liquid metals

Technical data:

- Available thermocouple types: Pt10 (S), Pt13, Pt30/6 (B)
- Measuring scale 400°C - 1820 °C
- Accuracy < 1 °C
- Aluminium housing (type of protection IP65)
- Potential free contacts to control external horn and traffic lights or PLC connection
- Signal lights for indication of the measuring sequence built-in the front (4 LEDs)
- LED display with 6 decades, 30mm (option: big display available for RS422 link)
- Ready for networking, incl. printer control
- Serial data output (RS422 and Ethernet) with customised protocol,
   for connection of an optional big display or/and office computer
- Power supply 230 V AC (85-264V), 50/60 Hz or 24 V DC

Equipped with our latest software package, new features are possible. For example the measured T-signal can be displayed as a **graph** (at a connected PC) or with help of a user-friendly **protocol editor** a customised data protocol can be created for **TempNet**.

Display   upper line - signal lights for indication of the measuring sequence
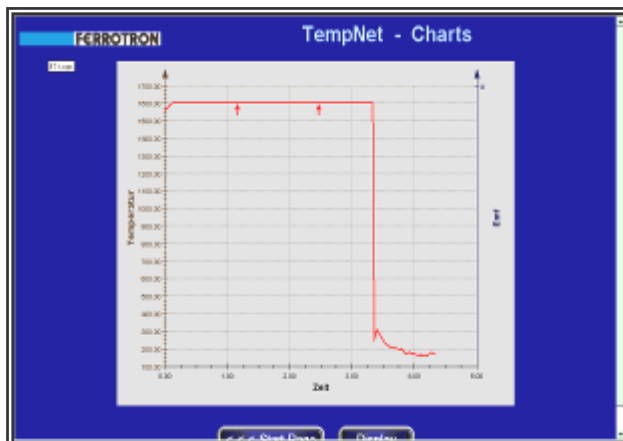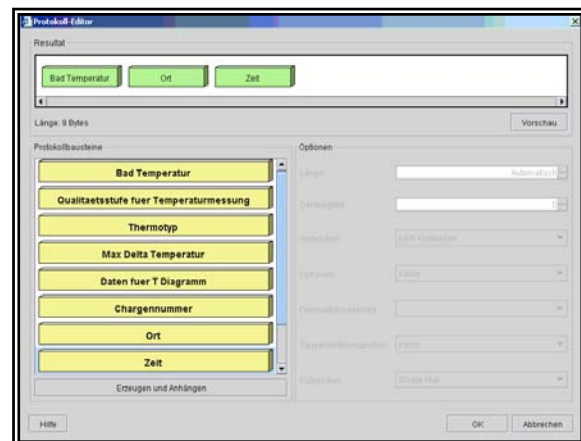   lower line - result of temperature measuring

Chart of measured temperature at the signal input

Editor for the **data protocol** of serial links