

Polaris

Next-generation
system control





Polaris
Terminal
TC20

Polaris
Mobile Panel
MC10

Polaris

Next-generation
system control

- 10" mobile panel or 21" terminal with multi-touch
- Full access to power source parameters
- Easy programming via drag & drop
- Perfect quality management due to welding data recording

Polaris



Key benefits



Intuitive, user-friendly operating concept

- **Consistent appearance** and operating concept across all system variants
- **Library** with ready-made modules and templates
- **Simple programming** via drag & drop
- **Guided** program sequence



Future-proof technology & modular design

- **Hardware-independent**, web-based user interface.
- **Future-proof basis** for subsequent technological developments
- **Modular architecture**: Adaptation to individual system requirements
- Compliance with **new OT security regulations IEC 62443**



Seamless integration of Fronius welding technology

- **Perfect synergy** with Fronius welding systems.
- **Full access** to all welding parameters directly via the Polaris control panel with real-time synchronization to the power source
- **Integrated data recording** enables detailed analysis of the welding process. Ideal for quality control and process optimization.

Polaris ✨

Everything at a glance

The dashboard provides a quick overview of:

- Status of the welding station
- Remaining welding time
- Current process data in real time



Polaris ✨

Sequence programming made easy

- Library with ready-made modules and templates
- Easy drag & drop



Polaris ✨

Direct access to welding parameters

Access all welding parameters directly on the Polaris control panel. All settings are synchronized with the welding power source in real time.



Polaris ✨

Guided program sequence

Visual assistance as support during program execution



Polaris ✨

Process data in real time

- Visual display of all relevant welding process data in real time
- Direct adjustment option



Polaris ✨

Record welding data

The integrated data recording function provides a detailed analysis of the welding process. Ideal for quality assurance.





OT SECURITY
IEC 62443

Cyber-Security

The **Polaris** system control has been developed in accordance with the security requirements of **IEC 62443**. It complies with proven standards that protect your welding system against digital threats.

This means:

- **Minimization of risks:** Reduces the risk of failure or manipulation due to cyberattacks.
- **Protection of your data:** Secure your operating and process data against unauthorized access.
- **Future-proof:** Meet current and future security requirements to protect your long-term investment.

Options & Accessories

Options / Accessories

Control units



Terminal TC20

- 21" Multi-touch screen
- Windows 10 operating system
- Optionally with RC7 remote control
- Connecting cable 5m



Remote control panel RC7 (only for Terminal TC20)

- 7" Multi-touch-screen
- Connecting cable 20m



Mobile Panel MC10

- 10" Multitouch-Screen
- Windows 10 operating system
- Optionally with stand and Control board for Start, Stop, Error-Reset
- Connecting cable 10m



Control board

- Individually assignable functions



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