Next-generation system control







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



### Key benefits



#### Intuitive, user-friendly operating concept





- **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.





# 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







# Sequence programming made easy

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







# 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.

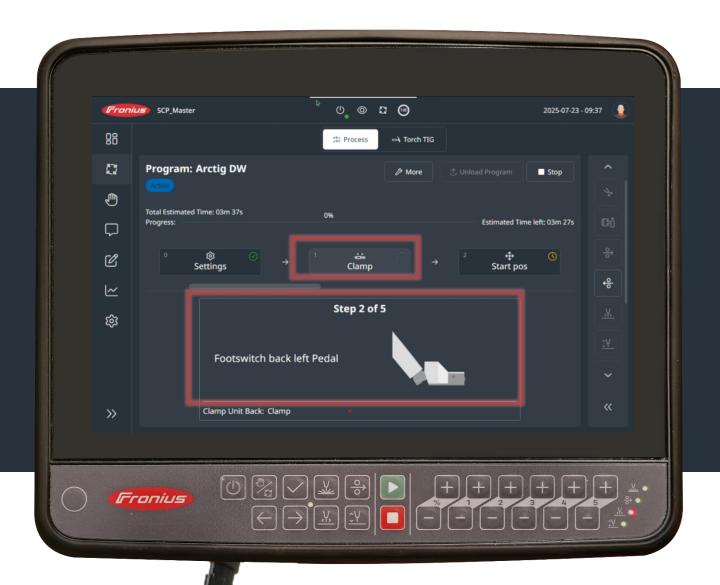






# Guided program sequence

Visual assistance as support during program execution







## Process data in real time

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







# 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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