



QUBE™

Wireless suite for measurements in liquid steel

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Introduction

The QUBE wireless suite eliminates the need for expensive cabling between the measuring lance and the instrument in the control room. This results in improved safety and measurement reliability, while reducing overall costs.



The QUBE wireless suite is comprised of three different transmitters

- **QUBE-T:** For temperature only measurements
- **QUBE-O:** For temperature, oxygen, and carbon measurements
- **QUBE-L:** For temperature, oxygen, and carbon measurements as well as wireless bath level and DDL probe (slag thickness) application

Features

- Rugged aluminum enclosure with **IP65 protection** against dust and water
- Proprietary 2.4GHz **internal antenna** is protected against damage
- **Long-life** Lithium Ion rechargeable battery with **built-in fuel gauge**
- Reliable and **fast battery charging station**
- Designed for use with all Heraeus Electro-Nite immersion sensors

Components

The following shows the essential parts of the QUBE wireless measurement system.

QUBE transmitter

Rugged, light-weight, and IP65 sealed design. Built-in Pan ID (channel) display with push-button to modify. Advanced electronics ensure reliable transfer of measurement data. Programmable motion sensor increases battery life.



QUBE handle

Ergonomic design with molded rubber grip.



Power Pack

Long life lithium ion rechargeable smart battery with built in fuel gauge.



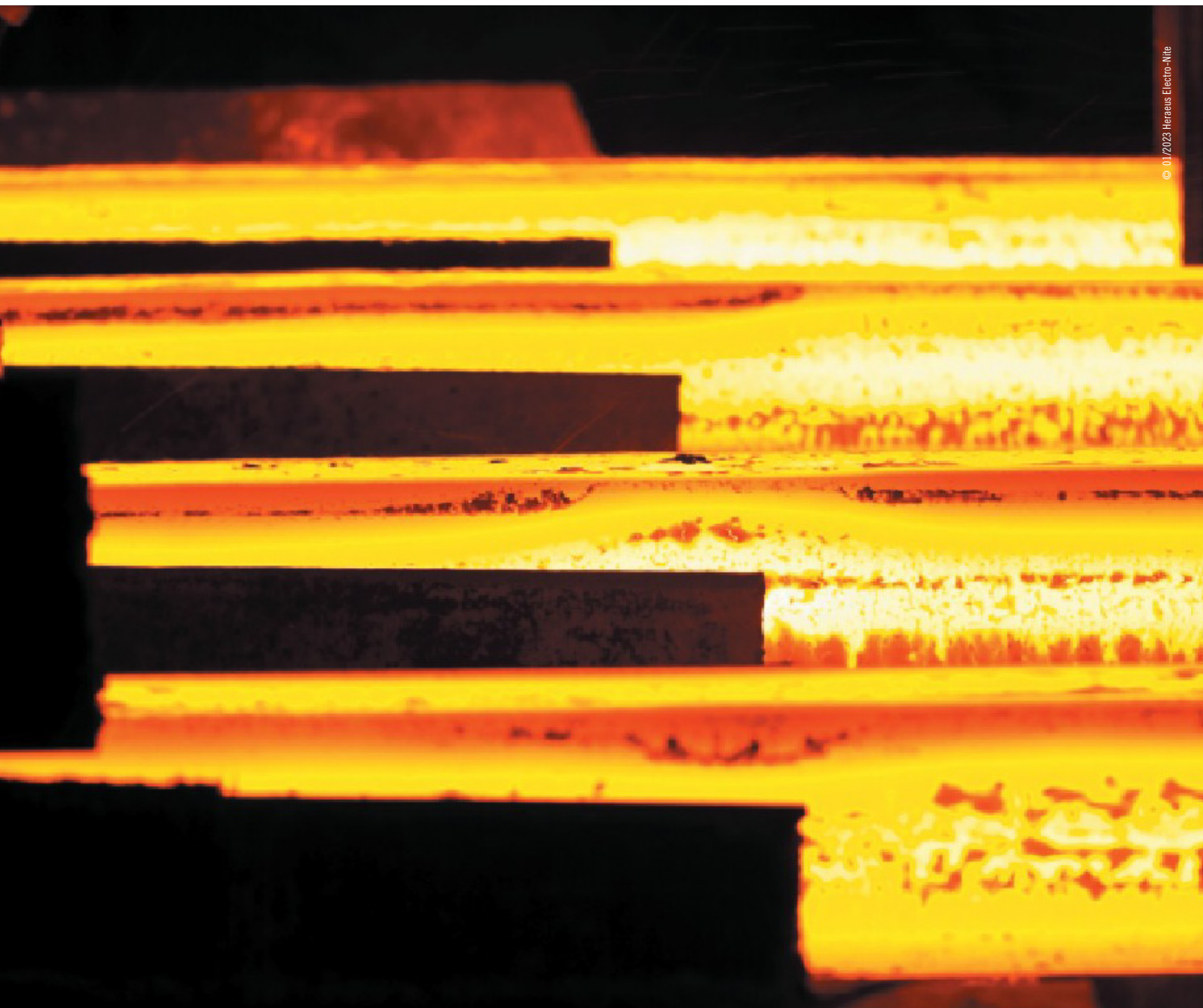
Receiver Box

Built in RS-232 and USB interfaces as well as long-range RS-422.



Charging Station

Fast charge with feedback LEDs and self-cleaning blade contacts.



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