DCAL



Product Overview

DKKI DCAL provides calibration verification for standard thermocouple-based thermometers and related accessories (compensation / extension cables, Contact Blocks, connectors). Designed specifically for Type R and S thermocouples per IEC 60584 and ITS-90, it generates stable, ambient temperature-independent simulated outputs via cold-junction compensation at two fixed temperatures: 1400°C and 1600°C (customizable options available).

The display-free unit features an impact-proof aluminum housing and is powered by an integrated 9V rechargeable battery with low-level alarm indicator.

Operational efficiency is enhanced by a reset button for rapid measurement initiation and a configurable output hold timer (up to 30 seconds).

DKKI DCAL Includes a battery charger as standard, with a high-quality carrying case.

Key Features

- Core Function: Calibration/verification of specific Standard thermometers & accessories.
- Thermocouple Standards: Type R/S per IEC 60584 & ITS-90.
- Simulation: Two fixed cold-junction compensated Temperature (1400 °C and 1600 °C by default).
- Design: Noise-proof, impact-proof aluminum case
- Power: 9V rechargeable battery with low-battery alarm indicator LED.
- User Features: Reset button, output hold timer (≤30 sec)

Why DKKI

- Proven success for over three decades
- ISO 9001:2015 certified quality
- In-house testing under real operating conditions
- Free expert support and comprehensive training
- On-site consulting and troubleshooting
- Fast order processing with flexible logistics
- Standard products, customizable options
- Transparent partnerships that build trust
- Proactive customer engagement

Application Areas

- Electric Arc Furnaces (EAF),
- Basic Oxygen Furnaces (BOF),
- Induction Furnaces
- Secondary Metallurgy
- Foundries and casting areas

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