

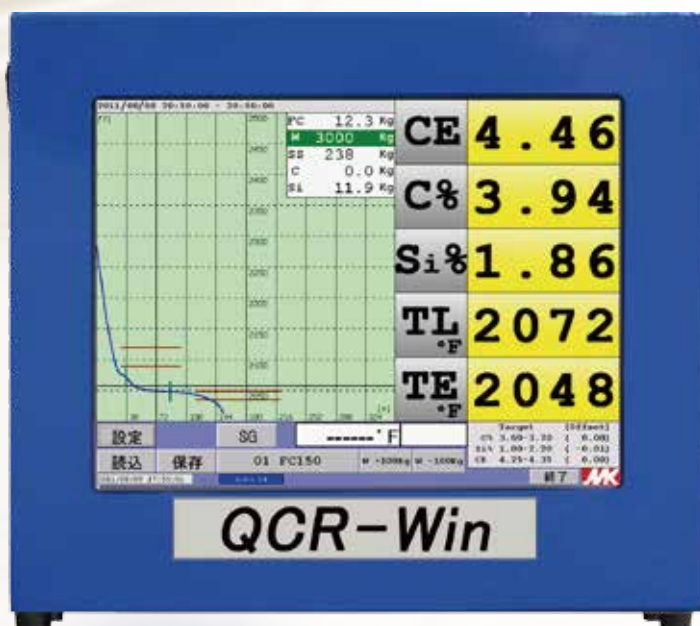


NAKAYAMA
Co., Ltd.

For On-Floor Melt Control

QCR-Win

QCR Series Windows Edition



- Data access through USB
- Data Storage and Review
- Touch Panel

CE mode

- Thermal Analysis for CE, C%, and Si%
- Charge Calculation Initial and addition

SG mode

- Nodularity (SG%) of Ductile and CV cast iron

Features of QCR-Win

Simplified
calibration curve
preparation

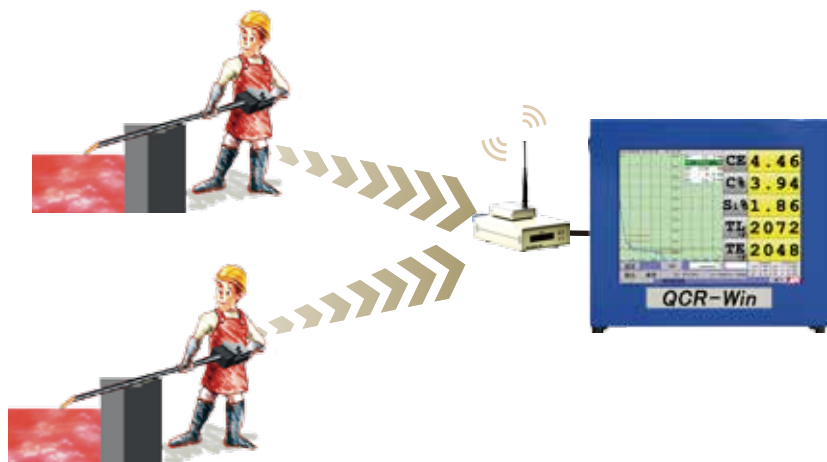
Improved precision
of temperature
measurement

Image preservation
function of the
measurement result

Feature

option

- Can be recorded and management of temperature data.
- The measurement data can be extracted with a simple operation (USB memory).
- The measurement data can be managed at the office PC.
- Print function to the printer.
- Output function to the display device.
- Data transfer function of a LAN.



Recording and management of temperature data

Communication method:

thermometer ; wireless Receiver; RS232

Use models (selling separately):

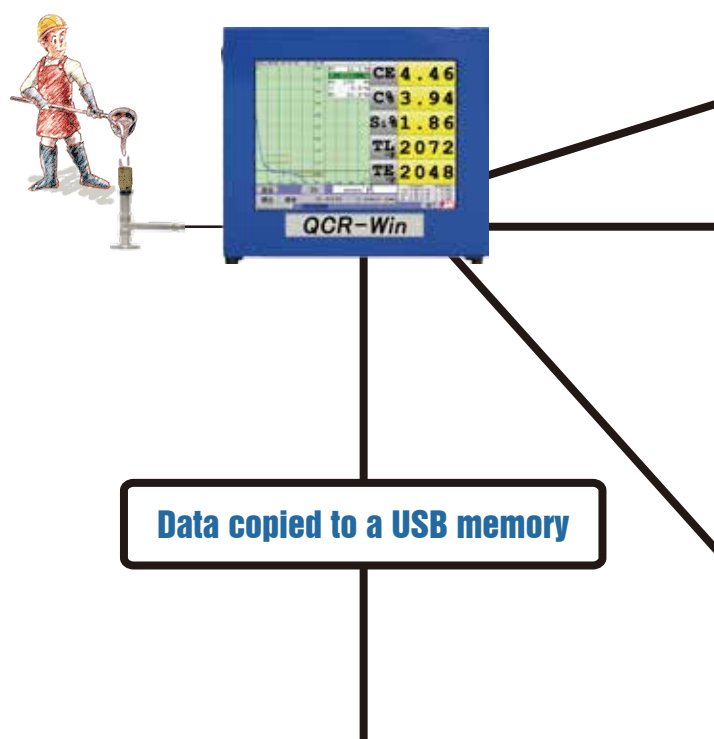
TMW-2000 / TMW-3000 / TMW-ZERO / TM-RW

Immersion thermometer is possible one.
(Up to three)



Thermometer system examples, please refer to the catalog of wireless thermometer

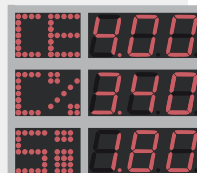
System example



A Displayed on a large display unit

Communication method: Wire communication

Use models: 3-stage indicator



3-stage indicator

B Printer output

Communication method: USB、RS232 Use models: TM-PR



TM-PR

Print content

| date | time | CH | CE | S% | Si% ... |
|---------------|-------|-----|------|------|---------|
| 2016 / 2 / 10 | 00:00 | ch1 | 4.00 | 3.40 | 1.80 |

C Storage to the internal server

Use models: Cable LAN



NAS

D Achievement control

Communication method: Manually copy(USB) or NAS



Office PC

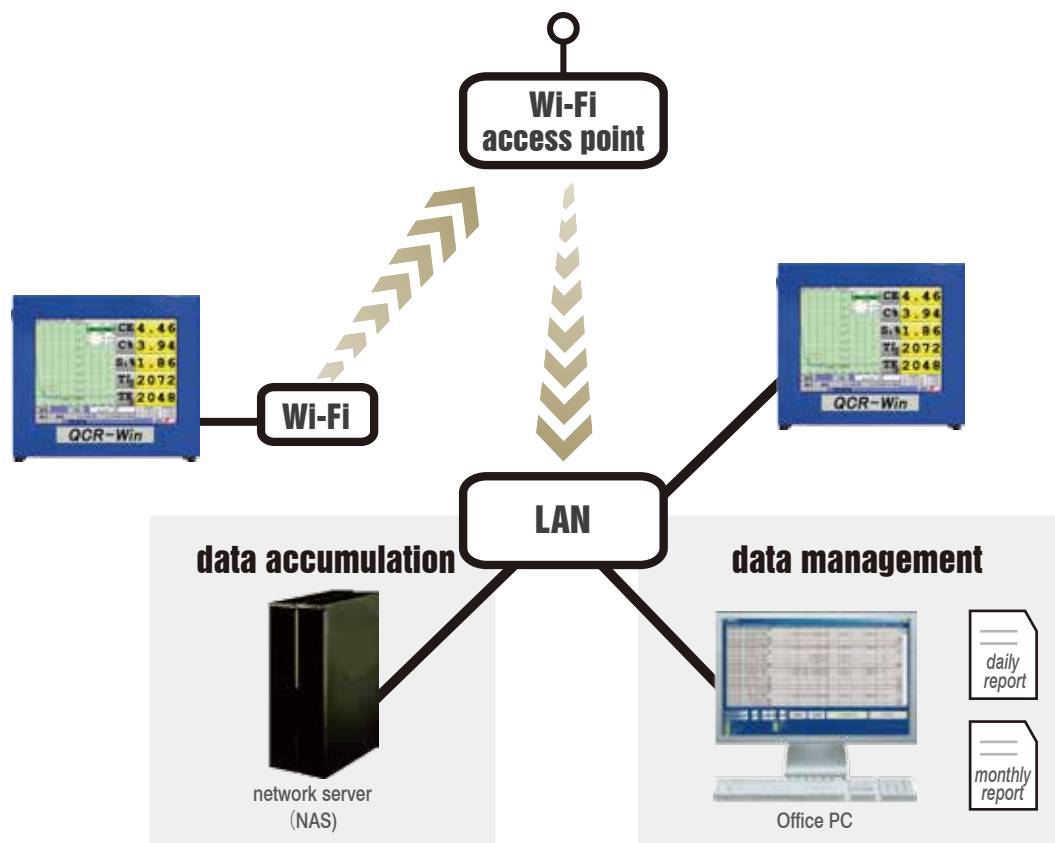
Wired and wireless communication

*Please contact us for wireless of wired part.

Network system

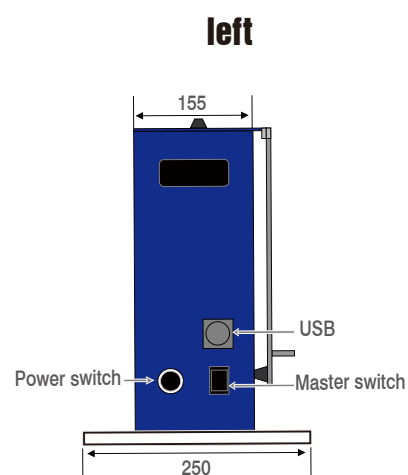
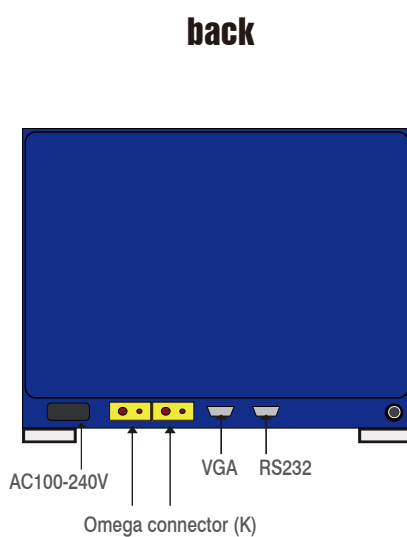
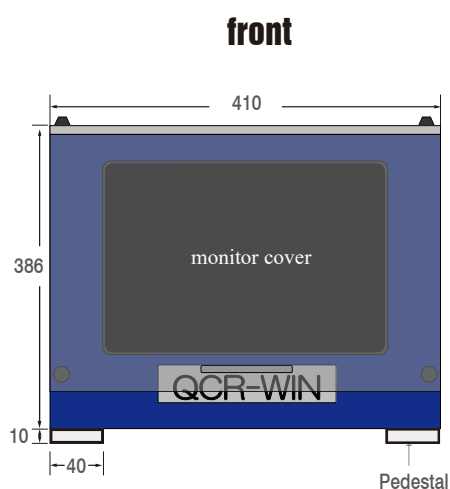
※Need a LAN port additional to the main unit
(On-site witnessing is required (for the system construction))

- By the network construction, can be sent to the network server the measurement results instantaneously.
- Daily data accumulation is simple. Prevention of copy leakage.
- Creating the form of measurement data from the office PC (Excel format). Possible to create a print data.



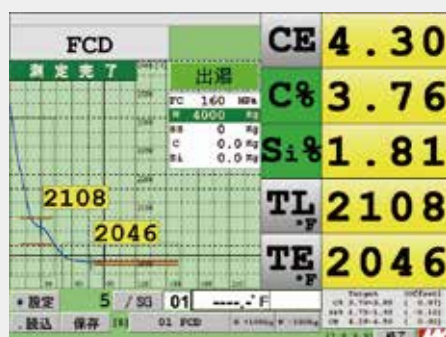
Body

- Body weight (with monitor cover) about 12kg.
- Monitor cover is fixed with a magnet.

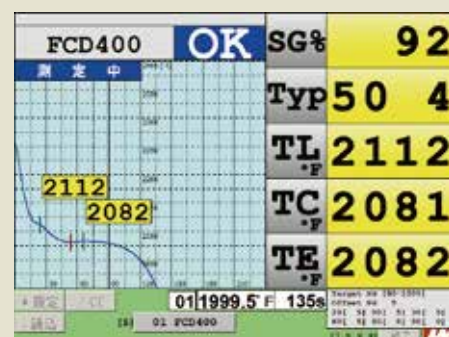


Display screen

CE mode



SG mode



specification

| | |
|--------------------|---|
| Type | QCR-Win 2022 model |
| outside dimensions | W410 × H360 × D155 mm (Except for the Monitor cover and Pedestal) |
| Display monitor | 15 inch touch panel(supersonic type) |
| OS | Windows 10 IoT Enterprise 2019 LTSC |
| Memory | 8GB |
| Storage memory | About 20GB |
| Measurement range | 50 ~ 1350°C (JIS-K) |
| Interface | USB2.0 / RS232x2 / VGA / LAN |
| Power source | 100-240V |
| Weight | 12kg (body only) |
| accessories | <ul style="list-style-type: none"> • Cup stand (cable length: 5m) • Pedestal • Monitor cover • Data extraction for media • Touch panel pen |

option

- LAN port conversion
- Printer
- data communication
- Wired thermometer add
- TM-RW (Wireless thermometer communication)

Please contact us for more details



The corresponding consumables

Please refer to the catalog of the shell cup.



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