

MI_2405 Core probe – removal and installation

 iHexagon

 20 min.

 Standard

 24/11/2025

Topic

The information describes the removal and installation of the core probe.

Affected product/accessories

- iHexagon
- 6-1/1

Required tool

- Standard
- Microwave leakage tester

Required components

The following components are required for removal and installation:

Component:	Item number:
Core probe	40.07.950P

General information

NOTICE

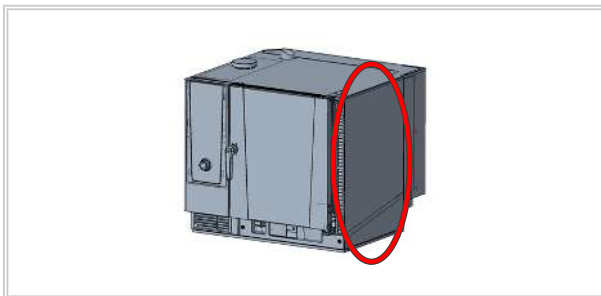
Enter the installation of the component on the service level ("Component replacement" tab). This is an integral part of the maintenance history.

Target group

- This document is intended for skilled technicians, who have been certified by the manufacturer after attending training and safety instructions.
- Installation, inspection, maintenance, and repair work must only be carried out by trained technicians.
- It is recommended that only technicians authorised by the manufacturer perform inspection, maintenance and repair work.
- The unit may not be used, cleaned, or maintained by children. The unit may not be used for play. This is prohibited even under supervision.
- The unit may not be used, cleaned, or maintained by people with limited physical, sensory, or mental capacity or those without the necessary experience or knowledge, unless such people are supervised by a person who is responsible for their safety and who has been informed of the hazards of the unit.

- In order to prevent accidents or damage, the manufacturer recommends that technicians attend training and safety instructions.

Installation position



Safety instructions

DANGER

High voltages when connecting to the mains power

Danger to life due to high voltage.

- Disconnect from the power supply.
- Secure against unintentional switching on.
- Make sure the unit is disconnected from the power.

CAUTION

Sharp edges on the housing

Risk of cuts on the housing when working in the electrical compartment.
Wear protective gloves.

WARNING

Risk of chemical burns due to cleaning chemicals

There is a risk of chemical burns from conscious and unconscious contact with cleaning chemicals.

- During installation and maintenance, wear tight-fitting safety glasses and chemical protective gloves that will allow you to handle cleaning products safely.

NOTICE

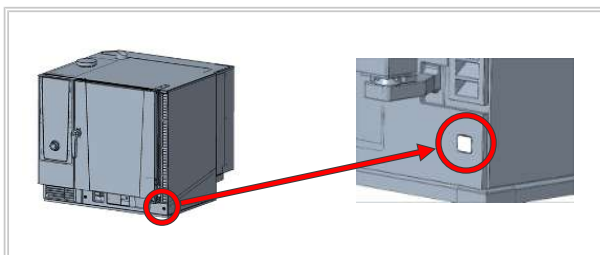
Observe regional and country-specific safety and testing regulations

The relevant regional, country-specific safety and testing regulations apply to all work on RATIONAL units. These regulations may vary by region and are country-specific and are therefore not listed separately in this document.

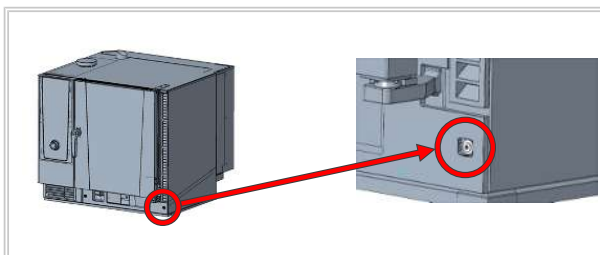
The technician is responsible for complying with these regulations.

Work steps – removing the core probe

- ✓ The unit is switched off and voltage-free.
- ✓ Left side panel is open.
- 1. Remove the cover.



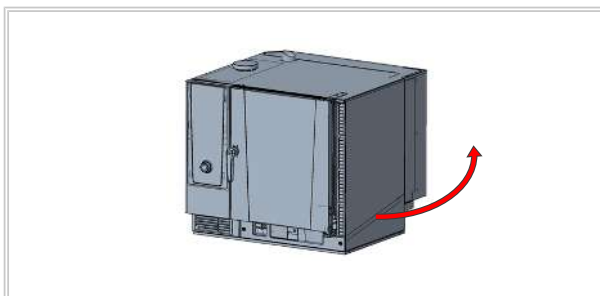
- 2. Remove the plastic expanding rivet.



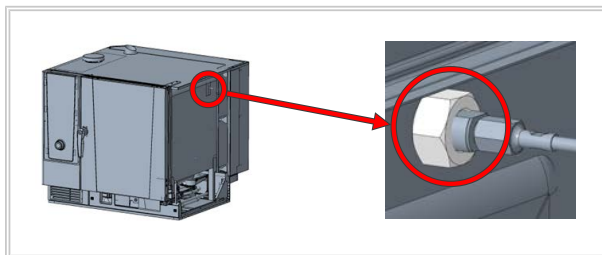
- 3. Remove the fastening screw on the rear of the unit.



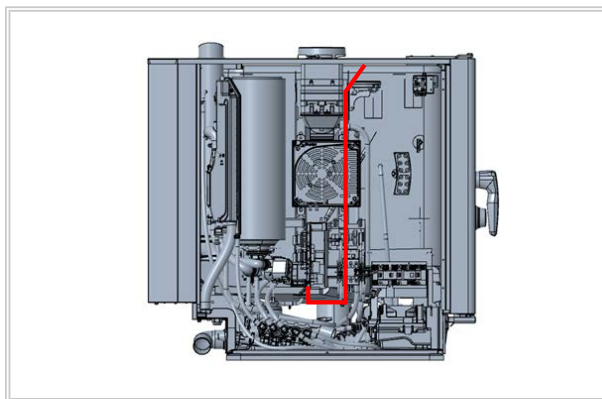
- 4. Remove the right side panel.



5. Loosen the nut on the core probe.
NOTICE! You do not need to hold the core probe.



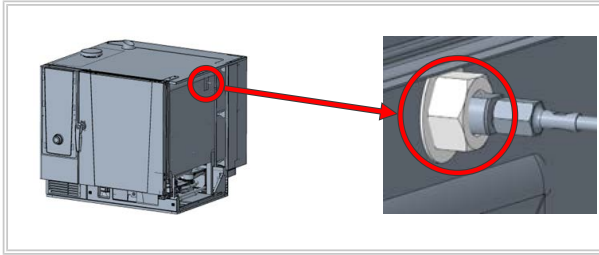
6. Remove the core probe from the I/O module in the electrical compartment.



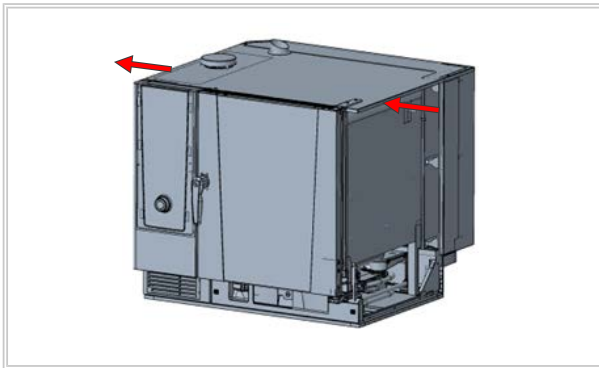
7. Unplug the core probe connector under the ceiling from left to right.
 8. Pull the faulty core probe out of the unit.
- >> The removal is complete.

Work steps – installing the core probe

- ✓ The unit is switched off and voltage-free.
 - ✓ The left side panel is open.
1. Guide the new core probe including the cable from the cooking cabinet through the opening.
 2. Mount the new core probe.
Tighten the flange nuts with a torque of 20 Nm.
NOTICE! Use the new copper seal and the new flange nut.

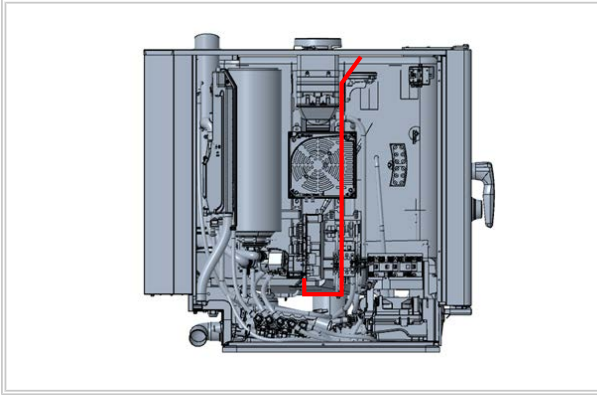


3. Slide the core probe connector under the ceiling from the right in the direction of the electrical compartment.
NOTICE! Guide the core probe cable in the front third under the ceiling through the unit.

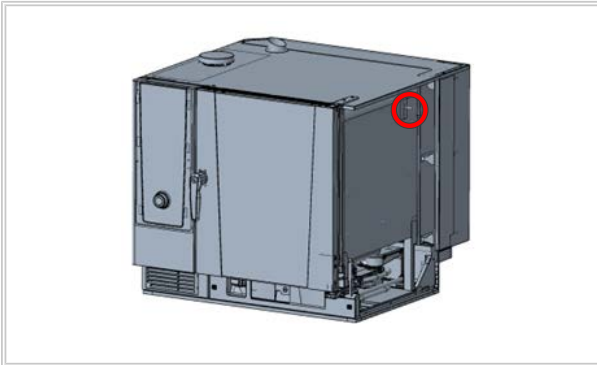


4. Guide the core probe cable in the electrical compartment on the cable trunk down to the I/O module.

5. Connect the core probe connector to the I/O module.



6. Check the unit for microwave leakage.
WARNING! The unit is under voltage and the left side panel is open.
7. Open: Service level -> Microwave -> Leak test -> Component replacement
8. Now carry out the microwave leak test at the following location:
The values to be measured must not exceed $< 0.4 \text{ mW/cm}^2$.
NOTICE! For more information about microwave leakage, see the installation manual.



9. Install the left side panel.
 10. Install the right side panel.
 11. Mount the fastening screw on the rear of the unit.
 12. Install the plastic expanding rivet.
 13. Install the cover.
- >> The installation is complete.