

763 PVC Thermomat

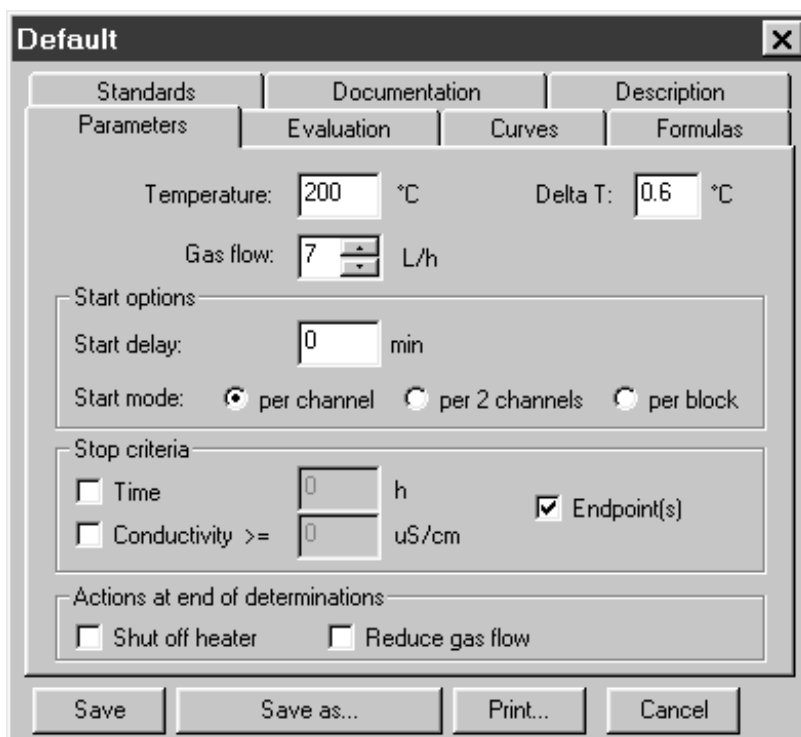
Version 1.0 SR1

8.763.1033 Supplement to 8.763.1003 Instructions for Use

This supplement lists **new features** of the «763 PVC Thermomat 1.0 SR1» program **version** compared to the old program version described in the 8.763.1003 Instructions for Use. In addition, it contains some **supplements** and **corrections**. All page numbers quoted refer to the 8.763.1003 Instructions for Use.

Modified method parameters (p. 56)

The **Parameters** tab of the method parameters window contains the following two modified parameters:



Actions at end of determinations

- | | |
|------------------------|--|
| Shut off heater | Automatically switches off the heating at the end of the determination. |
| Reduce gas flow | Automatically reduces the gas flow at the end of the determination to 4 L/h. |



If the gas flow is switched off manually, the reaction vessels must be removed from the PVC Thermomat within 1 h after the end of the determination. If the reaction vessels are not removed, a vacuum is generated in the course of the time by condensation of the further produced HCl in condensed water vapor from the measuring vessel and the measuring solution is siphoned back into the hot reaction vessel.

Supplements and corrections

Schematic measuring arrangement (p. 1)

The correct schematic measuring arrangement for the 763 PVC Thermomat looks like follows:

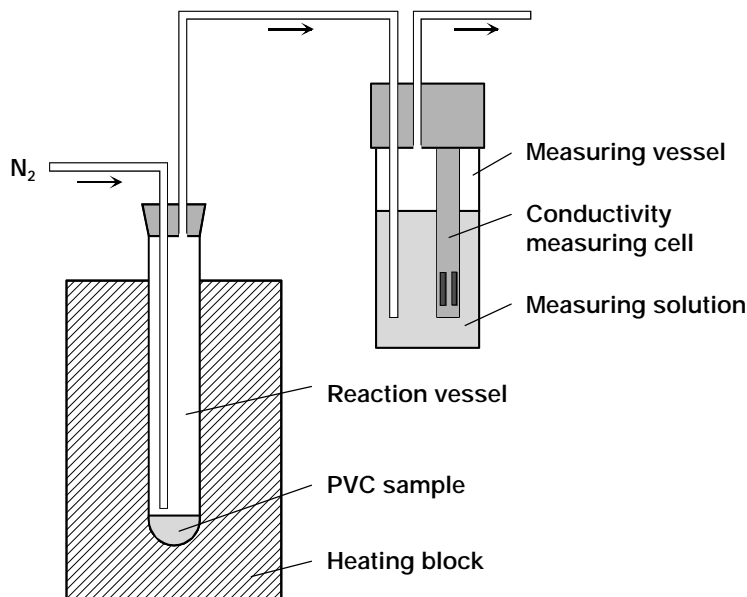


Fig. 1: Schematic measuring arrangement

Safety notes (p. 8)

Please note the following general precautionary rules for the operation of the 763 PVC Thermomat:

- **Take care with hot reaction vessels**



Avoid any contact with hot reaction vessels. Place them in the supplied vessel holder to cool them down.

- **Take care with hot parts of the Rancimat**



Avoid any contact with the hot heating block in the reaction vessel openings of the 763 PVC Thermomat. Make sure that no heat-sensitive substances and solvents can reach these openings. Close the unused channels during a determination and all channels after a determination with stoppers or empty reaction vessels.

Alterations to the standard equipment (p. 141)

- 1 × 6.2418.120 **Gas inlet tube**
(instead of 6.2418.110 Gas inlet tube, L = 98 mm)
for 6.1429.040 Reaction vessel
Length = 140 mm
Set of 117
- 50 × 6.1428.100 **Measuring vessel** (instead of 8 × 6.1428.100)
made of polycarbonate
- 4 × 6.1454.040 **Sealing ring for air inlet tube** (instead of 2 × 6.1454.040)
set of 6
- 24 × 6.1816.010 **Connecting tubing** (instead of 8 × 6.1816.010)
made of silicone