

Disposable plate/plate-measuring geometry for the controlled temperature chamber (CTC)

For the controlled temperature chamber (CTC) a new plate/plate-measuring geometry has been developed.

The set consists of an upper shaft and a lower shaft with an integrated temperature sensor.

By using the supplied press tool an exact perpendicular alignment and reproducible mounting of the disposable plates on the shafts is guaranteed (Fig.1).

The standard aluminium plates have a diameter of 20 mm. Plates with other diameters are available on request.

It is recommended to use the optionally available sample collection ring (below the lower plate), in order to protect the temperature chamber against spilled sample material.

After a measurement the disposable plates are easily removed from the holders by using the supplied removal tool (Fig. 2)

Key words

- HAAKE MARS
- Temperature chamber
- Plate/plate-measuring geometry
- Disposable measuring geometry
- Sample collection ring

Order information:

222-1808 Disposable plate/plate-measuring geometry consisting of a lower and an upper shaft, incl. press tool for mounting the disposable plates on the shafts and removal tool to remove the disposable plates from the shaft

Necessary accessories:

222-1769 Temperature sensor for lower shaft

222-1295 Disposable aluminium plates PP20E, diameter = 20 mm (100 pieces)

Plates with other dimensions are available on request, e.g.:

603-0021 disposable aluminium plates PP35E, diameter = 35 mm (100 pieces)

Recommended accessories:

222-1778 Sample collection ring (5 pieces), stainless steel for plates PP20E

Handling information:



Fig. 1 Mounting of a disposable plate on a shaft: press tool, upper shaft and disposable plate (left). Mounting of a disposable plate on a shaft (middle). Disposable measuring geometry consisting of upper an lower shaft with sample collection ring build into a HAAKE MARS (right)



Fig. 2 Removing of a disposable plate from a shaft: removal tool positioned on the lower shaft (left). Handling of the removal tool (middle). Disassembled disposable geometry (left)

Dr. Cornelia Küchenmeister
Jint Nijman

Thermo Fisher Scientific
Process Instruments
Dieselstrasse 4
76227 Karlsruhe
Tel: +49 (0) 721 4 09 44 44
Info.mc.de@thermofisher.com

www.thermo.com/mc