

Mills, freezer/cryogenic grinder, SPEX CertiPrep



50

Ideal for preparing samples for DNA/RNA, extraction, pharmaceuticals, mineralogical studies, medical research, plastics, polymers, plant and animal tissues, bone and heat sensitive materials. Both models are supplied with a self-contained liquid nitrogen tub and insulated case.

MPF-495-010Y (Model 6770)

- Sample size 0.01g to 5.0g
- Chills samples to liquid nitrogen temperatures
- Separate closed grinding vials eliminate cross contamination and maintain sample temperature during grinding
- Holds one sample vial for grinding, with the capacity for holding two additional vials in a pre-cooling chamber
- Equipped with speed control, programmable timer and safety interlock
- Includes grinder, extractor/vial opener, one vial rack and power supply, touch screen, USB port fault diagnostic capability and 50 grinding programme memory
- Please note the vial set (**MPF-495-500X** or **MPF-495-505E**) must be ordered separately

MPF-495-100C (Model 6870)

As above but with the following differences

- Sample size 1.0 to 100.0g and 0.1 to 5.0g with vial divider
- Holds one large capacity sample vial or four smaller vials for grinding, (see ordering information below) with the capacity for holding one large capacity or four smaller vials in a pre-cooling chamber
- Ordering procedure:
 - (1) Select vial size (**MPF-495-500X** or **MPF-495-520Y**)
 - (2) Select mill, depending on vial size selected

Technical Specification - Specific

	MPF-495-100C	MPF-495-010Y
Sample quantity	1.0g to 100g	1.0g to 100g
Dimensions [w x d x h], mm	520 x 550 x 460	530 x 580 x 580
Mass, kg	20	46

Catalogue No	Description
MPF-495-100C	Freezer mill 6870, includes extractor/vial opener and vial rack (for small grinding vials)
MPF-495-010Y	Mill with extractor/vial opener and one vial rack

Accessories and spare parts for **MPF-495-010Y** (model 6770)

Catalogue No	Description
MPF-495-500X	Vial set, makes one complete vial, plus three spare centre sections, capacity 0.5 to 4mL
MPF-495-505E	Set of 3 micro vials, 0.1 to 0.5mL per vial
MPF-495-510L	Cryogenic gloves
MPF-495-515B	Chromium-6 free steel vial for RoHS applications

Accessories and spares for **MPF-495-100C** (model 6870)

Catalogue No	Description
MPF-495-520Y	Vial, up to 50mL, plus three spare centre sections
MPF-595-525N	Auto fill system
MPF-595-550W	Small stainless steel centre cylinder
MPF-595-560S	Multi-Vial adapter



Please contact Fisher Scientific to discuss your EU compatible product requirements.

For water purification systems, please see the Fisher Scientific Laboratory Catalogue or visit our website.



For the full range of pipettes and pipette tips, please see the Fisher Scientific Laboratory Catalogue or visit our website.

