



# thermal cyclers accessories

## Tubes, Plates & Plate Sealing

### Microtubes

These thin-walled microtubes have been designed to provide superior performance. The lid is designed to both open easily without the use of tools and form an effective seal when closed to avoid evaporation.

#### Precision moulded

- Made from 99.9% pure virgin polypropylene, they are precisely moulded to achieve good thermal contact with the block

#### Ultra-thin walls

- Thin walls help to accelerate heat transfer from the thermal block to the sample, enabling shorter cycles

#### Certified

- RNase, DNase and pyrogen-free ensuring no contaminants arising from the tubes will affect your experiments

#### Individual microtubes

- For use with all Techne thermal cyclers:
  - 0.2ml thin-walled microtubes, domed caps (natural)
  - 0.5ml thin-walled microtubes, flat caps (natural)

#### Microtube strips

- For use with TC-412 and TC-512 thermal cyclers, strips of tubes are easier and faster to prepare.

Available in 3 formats:

- 0.2ml thin-walled microtubes, 8 per strip (natural), separate strip of 8 flat caps\*
- 0.2ml thin-walled microtubes, 8 per strip (natural), attached hinged strip of 8 caps
- 0.2ml thin-walled microtubes, 8 per strip (natural), attached individual caps

#### Low profile microtube strips

- 0.2ml thin-walled microtubes, 8 per strip (natural), separate strip of 8 optically clear flat caps\*

### Multi-well plates

High quality, guaranteed RNase, DNase and pyrogen-free.

#### 96-well plate flat-top non-skirted

- For use with TC-412 and TC-512 thermal cyclers
- Seal with heat-sealing foil or film
- Thin-walled polypropylene, maximum capacity 250µl

#### 96-well plate half-skirted, low-profile

- For use with TC-412 and TC-512 thermal cyclers
- Robot friendly
- Seal with 96-mat, 8-strip caps, heat sealing film or foil
- Thin-walled polypropylene, maximum capacity 200µl

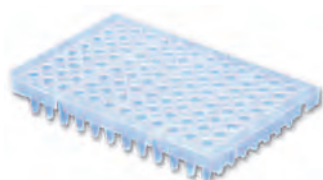
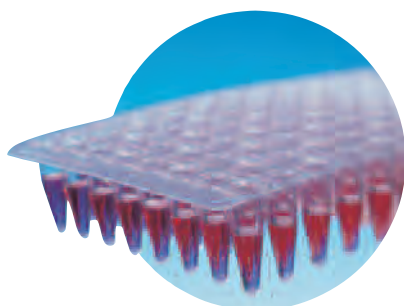
#### 96-well plate full-skirted, low-profile

- For use with TC-412 and TC-512 thermal cyclers fitted with full skirted blocks
- Robot friendly
- Seal with 96-mat, 8-strip caps, heat sealing film or foil
- Thin-walled polypropylene, maximum capacity 200µl

#### 384-well microplate

- For use with Techne TC-412 and TC-512 thermal cyclers
- Seal with heat sealing film or foil
- Thin-walled polypropylene plate has a working volume of 25µl, maximum capacity 40µl

\* Cap strips must be ordered separately






## Thermal Cycler Accessories

### Ordering Information

| Product Code | Description                                       |
|--------------|---|
| FTUB02TW     | Pack 1000 x 0.2ml microtubes                      |
| FTUB05TW     | Pack 1000 x 0.5ml thin-walled microtubes          |
| FMITUBC      | Pack 250 strips 8 x 0.2ml microtubes              |
| F96T02       | 96-well plate, flat top, non-skirted (pack of 25) |
| F96PLHS      | 96-well plate, flat top, half-skirted (pack 25)   |
| FMW11        | Hi-Temp 96 microplates, skirted (pack of 25)      |
| FMW11/16     | Case of 16 packs FMW11 (skirted)                  |
| FMIP384      | Pack 50 x 384-well microplates                    |

 For further part codes and additional information see page 47.

## Plate sealing

### Silicone mat:

The re-usable silicone mat is the simplest method for sealing 96-well plates. Simply lay over the plate and gently press the lower dimples into the wells.

- Fully autoclavable
- Re-usable: Can be re-used up to 50 times if required
- Dimples on both sides to help locate the mat

### Thermo-Seal heat sealing foil and film:

Quick and effective way of sealing any microtitre plate.

- Foil can be pierced easily without ripping or tearing
- Optical heat sealing film can be peeled off after use if required
- Film can be used in conventional thermal cycling or real-time nucleic acid detection

### Cap strips:

- Strip of 8 flat caps for use in conjunction with FSTRIP2 only
- Strip of 8 flat caps with very high optical clarity for use with low-profile strip tube (FSTRIP1)

These consumables are certified free from DNase, RNase and human genomic DNA.

### Heat sealer:

The heat sealer allows 96 or 384-well plates to be sealed in seconds with Thermo-Seal aluminium backed plastic film or clear heat sealing film. Simply load the plate, place the film on the plate and depress the heated element.

- 96 or 384-well plates
- Positive seal: The foil or film is welded to the raised plastic rim of the plates ensuring no leakage can occur
- Use in conjunction with heat sealing foil or film



### Ordering Information

| Product Code | Description                                 |
|--------------|---|
| F96SEAL      | 96-well sealing mat (pack 50)               |
| FMICAPC      | Pack 250 strips 8 x 0.2ml microtube caps    |
| FHSEALSD     | Heat sealer, 230 V                          |
| FHSPA96      | Heat seal plate adaptor for 96-well format  |
| FHSPA384     | Heat seal plate adaptor for 384-well format |
| FHSEAL       | Heat seal foil (pack of 100)                |
| FHSFILM      | Heat seal film (pack of 100)                |

 For additional information see page 47.