



Thermo Scientific Cytomat 10 Automated Incubators

- High-capacity, immediate access
- Fully automated decontamination routine
- Safe and convenient external water reservoir

dependable sample protection
super-fast access

Thermo
SCIENTIFIC

safeguarding your samples

The Thermo Scientific™ Cytomat 10™ automated incubators are the ideal solution for high-capacity incubation and storage of primary cell or cell-line cultures and assays.

- High-capacity, immediate access
- Fully automated decontamination routine
- Safe and convenient external water reservoir

Assured Decontamination

Thermo Scientific Cytomat 10 incubators are the first generation of automated incubators with a fully automated ContraCon thermal decontamination routine. Proven to significantly reduce the risk of sample and assay contamination and variability, the decontamination process is performed in wet conditions at 90 °C, to leave the incubator virtually residue-free.

- Eliminates contamination, even for low density, thermally-resistant microorganisms
- Pre-programmed parameters for total walk-away operation
- Automatically reverts to ideal incubation conditions on completion of routine
- Environmentally-friendly process
- Lower operational cost (cost of ownership). No sterile filters or UV lamps required
- Copper version available for enhanced anti-microbial effects

Plate Access Times

Cytomat 10C - 9 secs



Competitor A - 14 secs



Competitor B - 19 secs



Competitor C - 23 secs





Unrivalled Speed

Cytomat 10 incubators are the fastest in their class, providing automated incubation and storage. Ideal for drug discovery laboratories and high throughput applications, Cytomat 10 incubators accelerate culture and assay workflows even in the busiest of labs.

- Microplate access time of 5 to 9 seconds
- Storage for up to 280 microplates

Effortless Humidity Control

Thermo Scientific Cytomat 10 incubators have external water reservoirs for maximum convenience and minimal contamination risk. Reduced incubation disruption means reduced assay variability.

- Precise humidity control with Hydra-Smart Technology , up to 98% rH
- Hydra-Smart uses sterilized internal water source and micro particle filter technology to minimize contamination risk.

Tight Temperature Control

- Small access opening limits temperature fluctuations and virtually eliminate incubator recovery times resulting in excellent temperature stability.

Easy Everyday Use

- Environmental parameters are shown on a backlit LCD display for intuitive operation
- Read-out messaging and warning alerts should optimum conditions falter
- Seamlessly integrates with existing hardware
- Robust and reliable

Application Specific Speed Setting

- Incremental speed settings
- Maximize throughput



Thermo Scientific Cytomat 10 automated incubators

Specifications

- 280 microplate capacity - random access of 5 to 9 s access time
- Temperature range (incubator): T_a 8 - 50 °C
- Humidity: up to 95 % rH controlled; optional max. 98% rH controlled
- 0 - 20 Vol % CO₂ in the range 25 - 50 °C
- ContraCon, 90 °C fully automated decontamination routine

Order Numbers

Cytomat 10 C 230 V	51025983
Cytomat 10 C 120 V	51025982

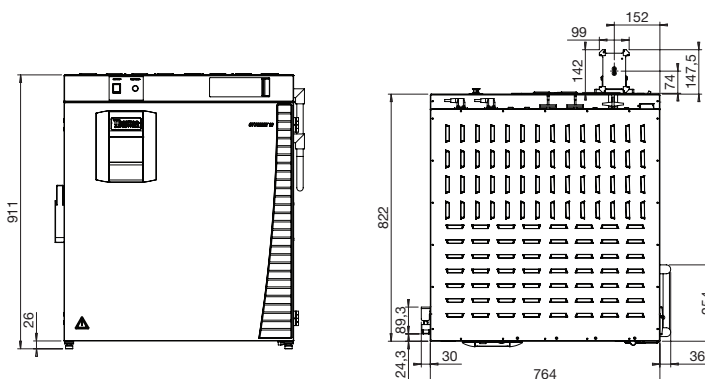
Standard Options

Barcode Reader on Handler	50130718
O ₂ / N ₂ option, minimize oxygen level with N ₂ supply, 1 - 21 %	50137130
Copper inner chamber	50137139
High-Humidity	50137131

Transfer Station Options

Standard transfer station with sensor for plate detection	50136244
Swap station - 180° turnable transfer station with two positions and sensors for plate detection	on request
Linear moving transfer station with sensor for plate detection (available in different dimensions)	on request

Dimensions



Stacker Options

Plate Type	Stacker Version	Max. Plate Height	Number of Capacity	Order Number
1536 well-plates	Stacker P17	12 mm	280	50081736
96 or 384 well-plates	Stacker P23	18 mm	210	50082829
Transwell or insert plates	Stacker P33	28 mm	150	50083260
Deep well-plates	Stacker P50	45 mm	100	50083261

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