

Sterilizer

TS 8136



(Ill. similar)

Outside dimensions: W = 705 mm
D = 625 mm
H = 820 mm

Inside dimensions: W = 515 mm
D = 440 mm
H = 600 mm

Capacity: 136 l

Temperature range: 8°C (above environ. temp.) to 250°C

Housing

Galvanised steel sheet, epoxy-resin-coated, RAL. 7035.

Interior space

Made of high grade **stainless steel**. Cleaning friendly by rounded corners, slippery surface in the interior, meets highest hygiene requirements

The **thermo-jacket circulation system** ensures even temperature and humidity distribution in the chamber and prevents drying of the samples. The air flow is outside the work space. The circulation fan stops about 40 seconds after opening the door, though the internal temperature is near the outside temperature. Simply removing the inner casing for intensive cleaning.

Door

Double-walled insulation door, hinged on the right-hand side. Magnetic, all-round sealing strip, resistant to laboratory cleaning agents.

Optional: door lock with 2 keys

Inspection Window (double-glazed) located in the exterior door.

Interior fittings

Standard: 4 perforated high grade steel shelves (max. 16 pcs.)

Max. load per shelf: 20 kg in case of constant distribution – total load: 70 kg

Shelf dimension: W = 510 mm, D = 410 mm

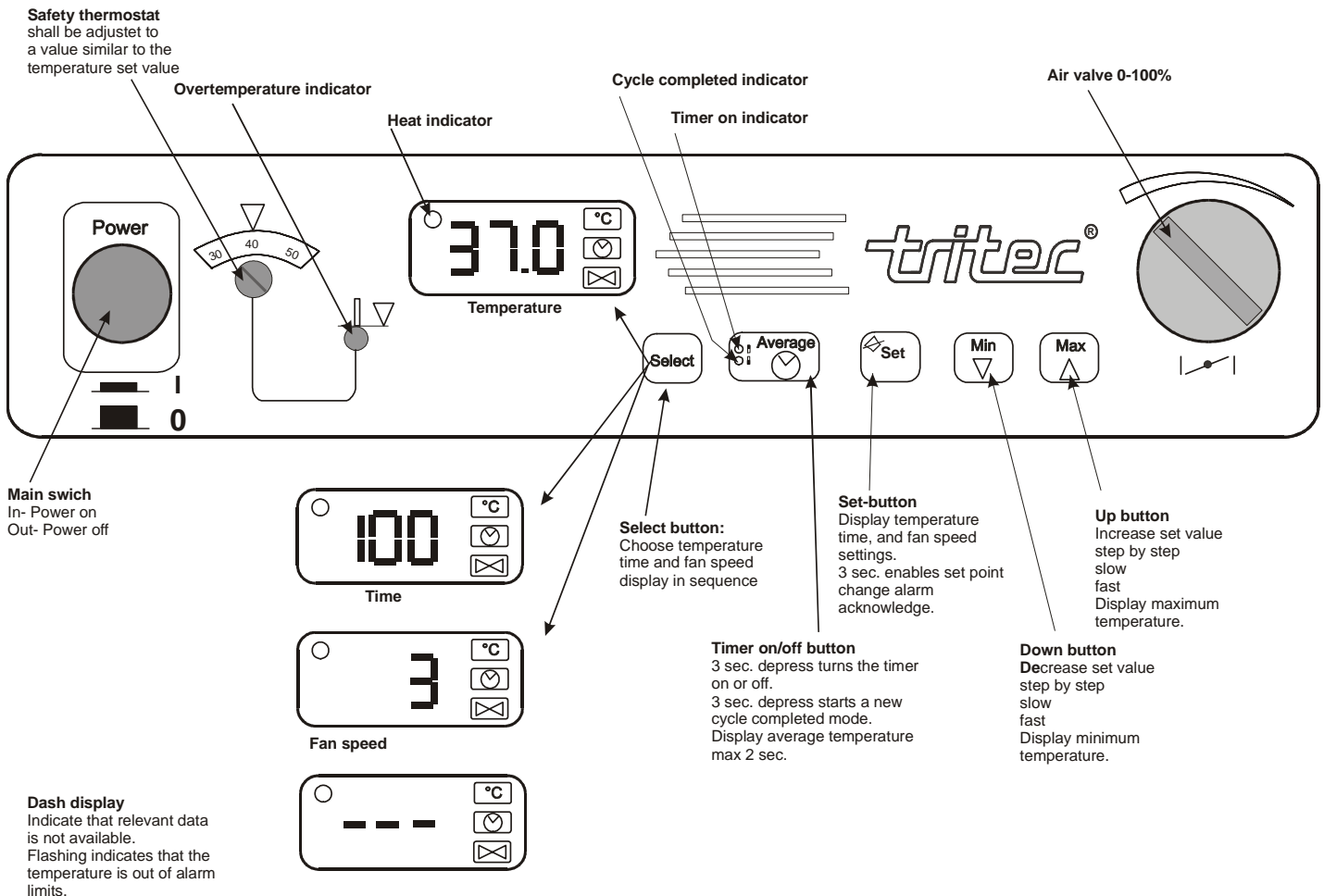
Optional: Internal lamp

Internal power socket 230 V

Sterilizer

TS 8136

Control and instrument panel,
located below the door incl. temperature controller with digital indication



Microprocessor-controller

Input of nominal value via keyboard, digital LED-indication, readable. Realization of actual value, digital LED permanently indicated. Abnormal operating conditions (e.g. temperature, optical, acoustic) are directly shown.

Time value

Can be given in minutes from 1 to 999. The time set corresponds to the actual operating time.

Temperature working range: from 8°C above environmental temperature to 250° C.

Temperature accuracy temporal: +/-1°C, spatial: +/-1,5C

Optional: programmable automatic operating sequences for temperature and time (real time program)

Over temperature controller

Independent of the microprocessor controller for continuation and maintenance of the temperature.
Excess temperature is displayed visually

Sterilizer

TS 8136

Electrical Data

Power supply	230 V/50 Hz a.A. 60 Hz / 1phasig
Power consumption	1430 W
Fuse	2x10 A
Heat transfer	710 W at 250°C
Power cable	1,5 m with Schuko plug

Packing (palletized)

Dimensions:	approx. 75x70x100 cm
Net weight:	approx. 56 kg
Gross weight:	approx. 66 kg
Customs clearance code:	8419 2000
Country of origin:	Norway

Special Equipment and Accessories:

Digital precision **CO₂ - controller** controls. The measurement is made by an infrared-sensor.
Working range from 1 – 10% (20%)
Control accuracy +/-0,5 %
Actual value measurement, permanent digital LCD display
Set points entered on keyboard, can be read off digital LCD



Door lock including 2 keys



Cable port with cover

Approx. 30 mm Ø. For example to create access for operator measurement lines, etc.

Software

For temperature and time
Serial interface RS 232 C / for Windows NT/XP

Printer

For temperature and time
Including Software and serial interface RS 232 C / for Windows NT/XP

Qualifications

Geräte-Qualifizierung

IQ, OQ, PQ

bei allen Geräten!



IQ - Qualifizierung

OQ - Qualifizierung

PQ - Qualifizierung

IQ (Installation Qualification)

The IQ documentation is worked out by us especially for the delivered machine and is made available to you.

The IQ documentation is to be carried out by the customer itself.

If the IQ qualification should be carried out by us on site, we calculate to you our current daily rate plus driving expenses if necessary overnight stay and business expenses

OQ (Operational Qualification)

The OQ documentation is worked out by us especially for the delivered machine and is made available to you.

The OQ documentation is to be carried out by the customer itself.

If the OQ qualification should be carried out by us on site, we calculate to you our current daily rate plus driving expenses if necessary overnight stay and business expenses

CQ (Calibration Qualification)

Checking the temperature in the cabinet

1 Temperature on 3 different measuring points evenly located on the shelves. Inspection time 6 hours, open door after that of 30 seconds. The inside temperature of the cabinet must have stabilized itself within 1 hour on the set point temperature.

The temperature measures are carried out in our company, represented graphically and provided to you.

The values may not dropping below or above the tolerances given by us.
(Additional measuring points on request)