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Umsatzsteuer-  
Identifikationsnummer  
:  
DE 143 450 657



## Carbolite-Gero® TF3 16/100/450 CC-T1 Touch Screen Controller (3 zones)

**€21,390.00**  
plus VAT &  
Shipping

### Product Images



## Description

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Horizontal three-zone tube furnace up to 1600°C Silicon carbide heating elements 1600 °C maximum temperature 450 mm heated length 1030 mm tube length under air atmosphere 1250 mm tube length under protective gas atmosphere 100 mm max. Tube outer diameter 775x940x705 mm (HxWxD) Outer dimensions of the furnace including control unit Digital PID controller (see details in separate item) Adjustable digital overtemperature protection with separate thermocouple 375 mm length homogeneous zone +/-5°C at 1500°C 6,8 kW max. power type R thermocouple 90 kg weight Connection: 400 V, 3 phases, earth + neutral, 50 Hz, 6,8 kW The picture shows an article of the same type. Size and equipment may differ from this type. The furnace body is delivered mounted on the control unit. It can be easily removed from the control unit and placed directly on a table. Between the furnace body and the control unit there is a 2 m long connecting cable, which can be easily unplugged from the back of the control unit. (with setpoint adjustment) CC-T1 program controller and data recorder with USB and Ethernet - Single zone control - 4.3" touch screen - 10 programs - 24 segments per program (e.g. 12 ramps and 12 hold times) - Max. 2 control tracks (e.g. for optional solenoid valves) - USB port on the front of the control box - Ethernet port on the back of the control box - Data recording in csv format (comma separated variables) on customer USB stick - Real time clock with calendar - Date and time for program start programmable - Program status display - Output level display of heaters - Language selection: English, German, French, Italian, Spanish, Chinese - Password protected user levels: 1. Operator can set temperature set points / run pre-saved programs / start data logging 2. Supervisor can additionally modify and create programs / acknowledge alarms 3. the administrator can additionally change language settings, time and date / change data recording presets / change calibration settings and communication settings To operate the furnace be sure to order one of the packages - Air package RCA 50x60x1030mm - Protective gas package RCA 50x60x1250mm - Vacuum package (on request)

## Additional Information

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No.	CX-0342
Manufacturer (Brand)	Carbolite-Gero
Transport temperature	Room temperature

