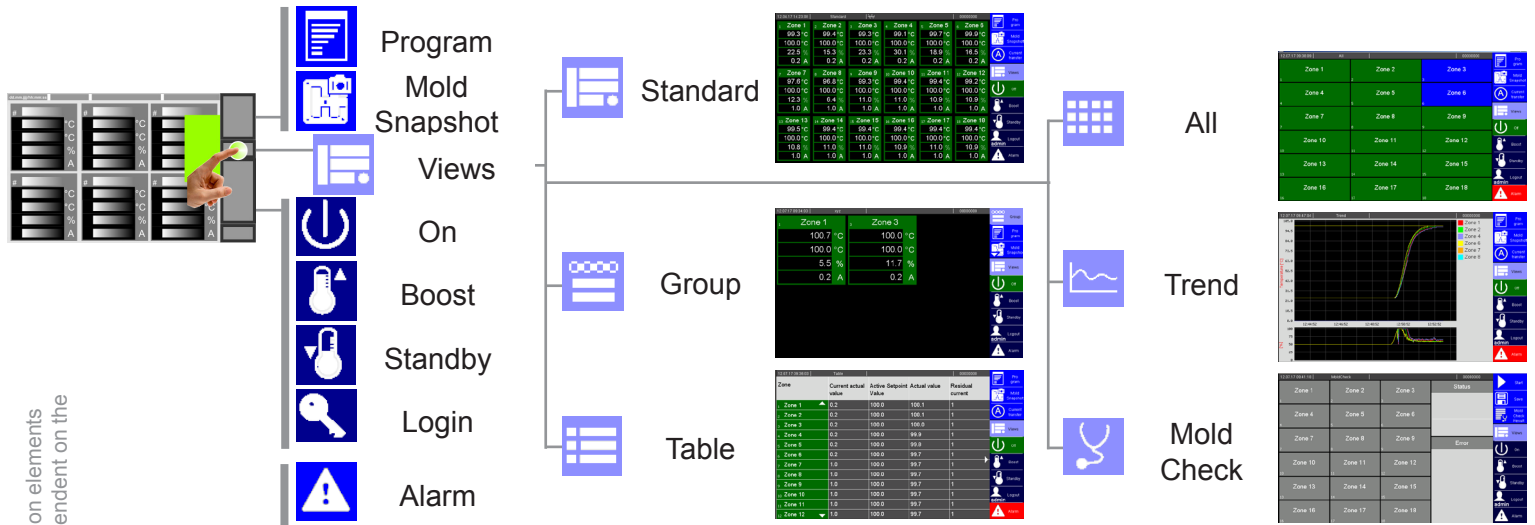# Overview
Operation cDT+

Views / Functions
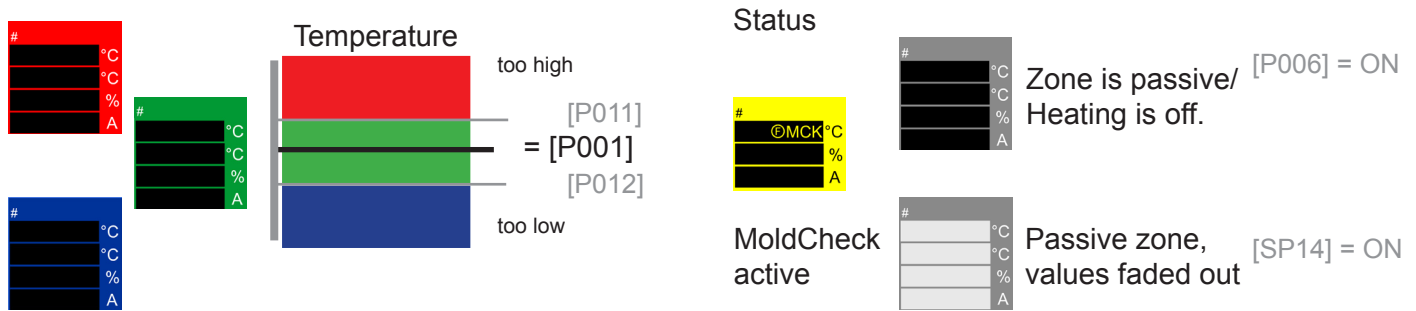

The displays/views and operation elements presented are exemplarily, dependent on the setting and active user

Program
Mold Snapshot
Views
On
Boost
Standby
Login
Alarm

Standard
Group
Table

All
Trend
Mold Check

Colour coding for zone

Temperature and status of the zones is identified by colour.

To call up the individual functions, it is under certain circumstances necessary to login into the system.

Temperature

too high [P011]

= [P001]

[P012]

too low

Status

Zone is passive/ Heating is off. [P006] = ON
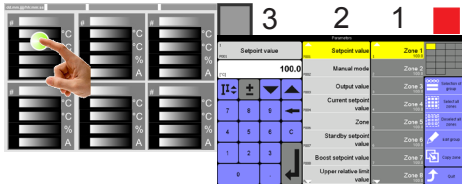
MoldCheck active

Passive zone, values faded out [SP14] = ON

(See parameter [P***]; system parameter [SP**])

Operation by touch-screen display

Details see Manual Start-up, Service and Operation

| Tap | Scroll | Zoom |

Buttons → **Views / Functions**

Zones → Input dialog zones
Table

Trend → Trend scaling

→ Trend zone selection

Zoom +

Zoom -
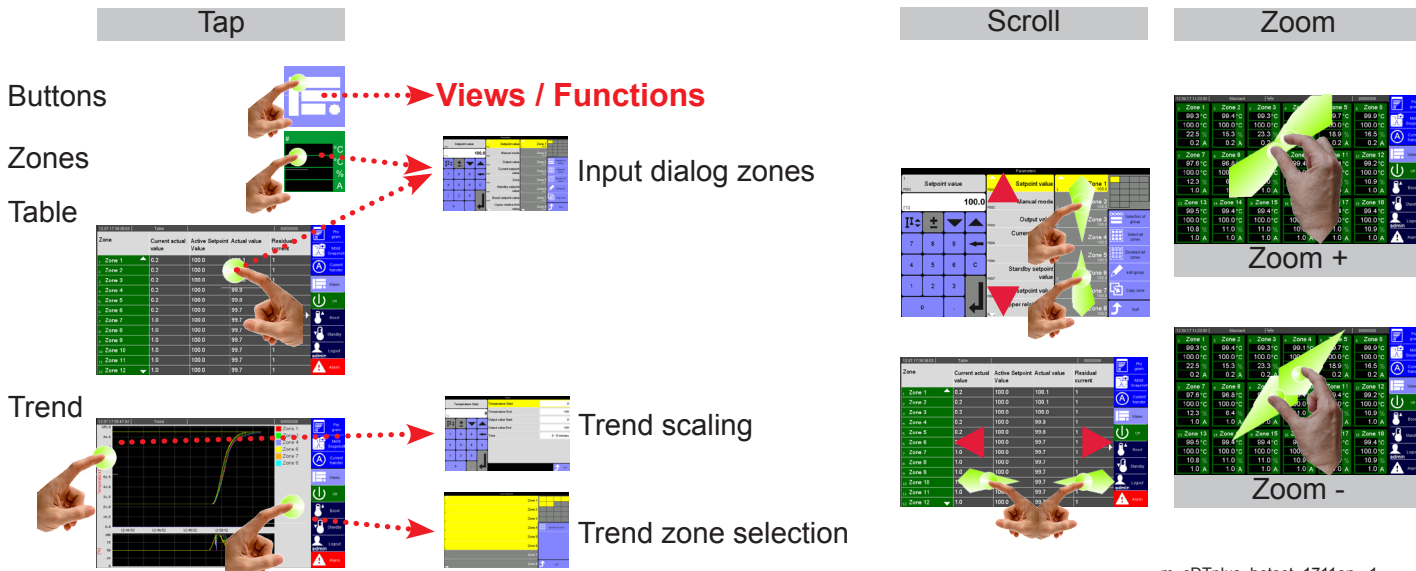
Input dialog zones

Change of setpoint value / Change of parameters
[P001]

| 1 | Select zones |
| | Example zone 1 |

Select zones

| 2 | Select parameter |
| | Example [P001] |

Single
Zone 1&3

| 3 | Enter value |
| | Example 200 |

All

Confirm entry

Quit dialog
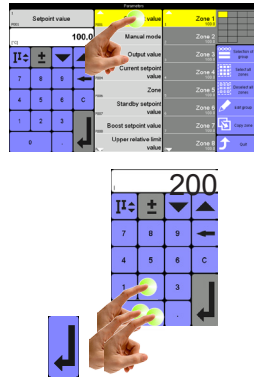
None
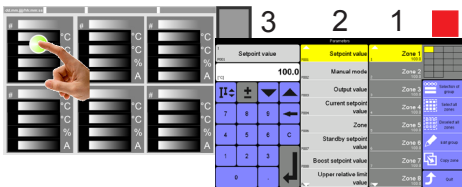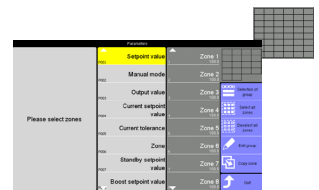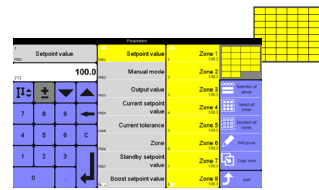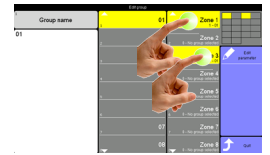
Change output value / Activate manual mode
[P003]

Group
Zone 1&3

| 1 | Select zones |
| | Example zone 1 |

| 2 | Select parameter |
| | Example [P003] |

| 3 | Enter value |
| | Example 10 |

Confirm entry

Confirm
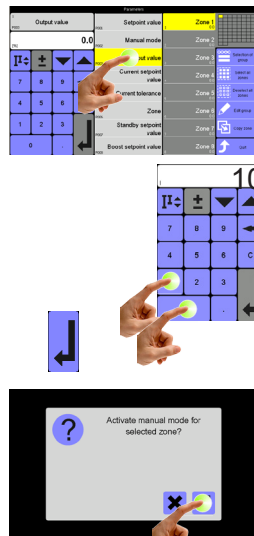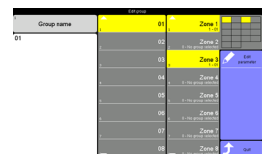
Activate manual mode for selected zone?

Quit dialog

(See parameter [P***]; system parameter [SP**])

The displays/views and operation elements presented are exemplarily, dependent on the setting and active user

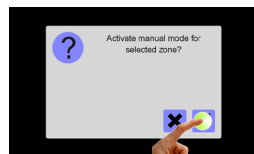To call up the individual functions, it is under certain circumstances necessary to login into the system.

Details see Manual Start-up, Service and Operation

Overview
Operation cDT+

Alarms

⚠ No alarms
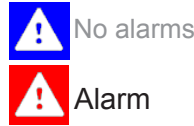
⚠ Alarm

Alarm list
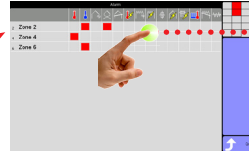
Detail information

Messages

Info Center

(1/1) Current setpoint value is not set!

Activate current transfer
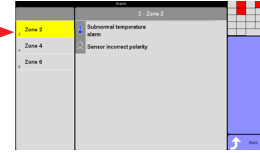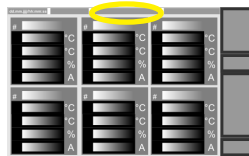
Symbols in Header

⟳ CAN-connection between 2 cabinets

profiTEMP+ by CAN connected, zone numbers are overlapping

⊖ Control is stopped

🔒 Input block is active

Process monitoring activated

Info Center

Example key unit

°C Key is activated for user

Key is not activated for user

Login/Logout

After start of the hot runner controller, the profile of the standard user is activated. The standard user is always active, if no other user is logged into the system. Which user is currently logged in, can be identified by the key symbol for login.

🔑 Login

User prof - Standard password: prof

User admin - Standard password: admin

!!! The standard passwords should be changed after start-up of the system by the system administrator.

User Standard; Standard operation without password

User prof; Professional operation with freely selectable password

User admin: System administrator operation with freely selectable password

!!! If no operation is performed on the device for 10 minutes, the currently logged-on user is automatically logged out.

Messages - Alarms, Status, Functions
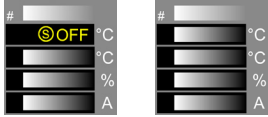
Text display (here: OFF) in the first line of the zone display alternates with current actual value.

Ⓐ Alarm
Ⓢ Status
Ⓕ Function

The displays/views and operation elements presented are exemplarily dependent on the setting and active user

To call up the individual functions, it is under certain circumstances necessary to login into the system.

Details see Manual Start-up, Service and Operation

Zone display		Alarm-list	Description
Ⓐ	TCb		Sensor break
Ⓐ	TCp		Sensor incorrect polarity
Ⓐ	TCs		Sensor alarm
Ⓐ	Pot		Potential error
Ⓐ	CTA		Current tolerance error
Ⓐ	Thy		Thyristor alarm
Ⓐ	RC		Residual current
Ⓐ	Cur		Current alarm
Ⓐ	HBr	n.a.	Total breakdown of heater
Ⓐ	n.a.	n.a.	Temperature outside limit value range
Ⓐ	Tmp		Temperature alarm
Ⓐ	FUS		Fuse failure
Ⓐ	Cha.	n.a.	Channel data error
Ⓐ	Cha	n.a.	Channel data error card
Ⓐ	SYS.	n.a.	System data error
Ⓐ	SYS	n.a.	System data error card
Ⓐ	HST		Heater alarm
Ⓐ	CAN		Change in system configuration Failure of HTC-Card
Ⓐ	CAN.	n.a.	No more actual values
Ⓐ	CANID	n.a.	Same NodeID
Ⓐ	IdD	n.a.	Drift error at identification
Ⓐ	IdC	n.a.	Error at identification
Ⓐ	Pm		Process alarm

Zone display		Alarm-list	Description
n.a.	n.a.		Actual value lies above the tolerance range around the setpoint value.
n.a.	n.a.		Actual value lies below the tolerance range around the setpoint value.
Ⓢ	OFF	n.a.	Zone is passive
Ⓢ	OUT	n.a.	Actuator is deactivated
Ⓕ	Man	n.a.	Manual mode
Ⓕ	Id	n.a.	Auto tuning running
Ⓕ	SBy	n.a.	Zone in Standby mode
Ⓕ	Bo	n.a.	Zone in Boost mode
Ⓕ	MCK	n.a.	MoldCheck active
Ⓕ	HnD	n.a.	Heat'n'Dry
Ⓕ	SUp	n.a.	Startup operation active
Ⓕ	SBo	n.a.	Start-up mode Boost running
Ⓕ	Trp	n.a.	Manual temperature ramp active
Ⓕ	Arp.	n.a.	Automatic ramp active. Marking slowest zone
Ⓕ	Ar	n.a.	Automatic ramp active
Ⓕ	RfZ	n.a.	Leading zone manual mode
Ⓕ	PmL	n.a.	Learning phase process control active
Ⓕ	PmO	n.a.	Process monitoring not active yet
Ⓕ	RH	n.a.	Relay heating

n.a. not applicable, not existing