

Multizone Controller DPT 20-45 for 20-45 zones

NEW!

GÜNTHER
HOT RUNNER TECHNOLOGY

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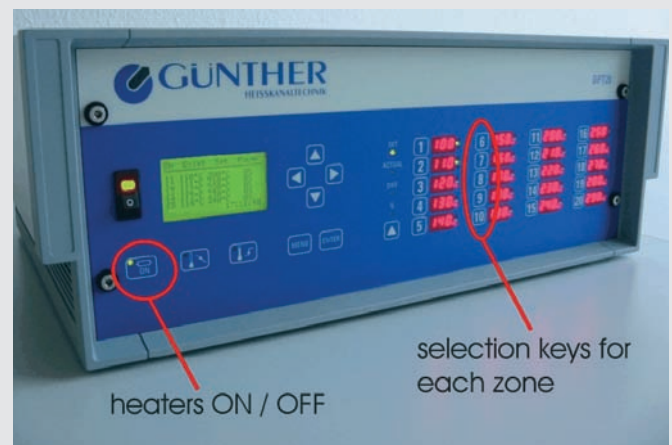


The well-established DPT series of controllers has been extended by the addition of more multi-channel controls with 20, 30, 35, 40 and 45 control circuits. Based on DPT15 controllers, they have extensive functions for safely controlling complex hotrunner systems, e.g.

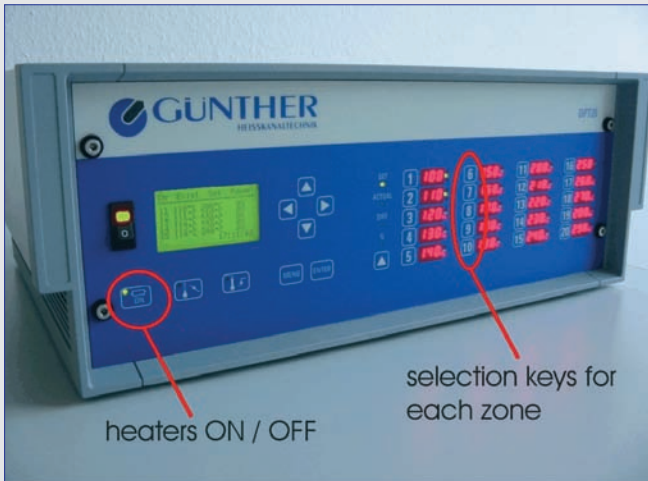
- control of 5 to 45 control circuits
- menu-driven operation through LCD display
- fuzzy-PID control process
- heating capacity recognition, load current monitoring
- interface linking of several controllers to form one easily operated total system.

Based on the DPT15 controllers, following features has been integrated into the new compact controllers DPT 20 and DPT30-DPT45.

- Each triac output can handle loads up to max. 3,5 kW (16A fuses)
- user-friendly operation due to the new zone selection keys
- easy electrical connection diagram using 24-pin HAN ES-connectors (cage-clamp terminals, no special tool like crimping pliers needed)
- frontside main power switch
- additional ON/-OFF switch for the tool heaters
- timer function for the heaters makes it possible to heat up a tool automatically
- compact, modern housing
- the zone selection keys makes the operation faster and more user-friendly
- there is a key behind each inscribed zone number



- single or several zones can be selected only by pressing these selection keys. The LCD-display immediately changes to set value input mask of the selected zones.
- You can directly change the zones set value using the UP- and Down cursor, after you selected a zone by pressing the corresponding selection key.
- You can select several zones by pressing two selection keys in a short time (<1 sec). Set value changes will effect all selected zones.
- This user-friendly operation gives us the possibility to change the temperatures for all zones, all nozzles, all manifolds or only for a group of nozzles very quickly.



Mechanical size:

DPT20: 545 x 205 x 440 mm, (L x H x T)

DPT30 - 45: 545 x 345 x 440 mm, (L x H x T)

the controllers DPT30-45 will be delivered with handles.

Main switch for the heaters

- All hot runner heaters can be easily turned ON or OFF using the left heater key
- with one key stroke all heaters can be switched ON or OFF without shutting down the whole controller.
- The integrated realtime clock contains a timer function to start-up the tools heating process at a specific time.



You may start a tools pre-heating or full heat-up process for instance each Monday morning at 6:00 AM. The tool might be on temperature even when the operators arrive at work.

