

# AUTOTRONIK

Fertigungssysteme für die **Elektronikindustrie**

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# MODEL: BT301P

## BENCH TOP REFLOW OVEN

- ▶ Perfect for small & medium volume production
- ▶ Quartz IR & forced hot air convection
- ▶ Real time close loop PID temperature control
- ▶ Quick smart profile programming on display
- ▶ Real time temperature profile display
- ▶ 7" High resolution touch screen LCD display
- ▶ Build-in dual core CPU on board computer
- ▶ WiFi temperature profile printing and data storage
- ▶ PCB Size: 350x240mm
- ▶ Max. Temperature: 310°C
- ▶ Warm-up time: approx. 2 min



Innovative Features



Unbeatable Service



Worldwide for you!



Specialist in small and medium-sized manufacturing.



Quality & innovation at a fair price.



All from one hand.



The process data can be saved via WiFi connection and used for training purposes, development and quality control.

Current Profile:	Default.pro				
Heat Zone Target Temp. (°C)	150	190	217	225	30
PCB calculated temp. (°C)	140	175	190	200	---
Target duration (sec)	100	120	90	5	180
Advanced Settings					
Temperature controlled by:	selected by Heat Zone				
Target on hold(sec)	10	10	---	---	10
Temp. Offset between Heat Zone & PCB (PreHeat, Soak, Reflow) (°C)	10	15	25		
Comment:	PID: P, I, D				
	20	2	1		
Default setting.					

The BT301 has a modern user interface in which you can work dynamically and in real time.

# MODEL: BT301P

## BENCH TOP REFLOW OVEN

### SPEZIFICATIONEN

- PCB mount:
  - 350 x 240 mm
- Effective heating area:
  - 250 x 200 mm
- Heating method:
  - Quartz infrared tube heating
  - with forced air circulation
- Max. Temperature:
  - 310 °C
- Temperature control:
  - Closed PID temperature control loop
  - in real time
- Warm-up phase:
  - approx. 2 min
- Interface:
  - WiFi
- Tablet with 7" touchscreen and dual core CPU
- Power supply:
  - 400V, 3-phase, 50/60 Hz, 30A
- Power: 3600W (6300W peak)
- Dimensions: 690 x 470 x 270 mm (L x W x H)
- Weight:
  - approx. 45 kg

