

SONOREX TECHNIK

Trough dryer TO

The trough dryer is used for quick drying of cleaned and rinsed parts. Heating elements warm up the air and lead it through well arranged ducts directly to the parts to be dried. A fast and intensive drying is possible, especially of materials with adherent moisture.

As the dryer's top is open, a small amount of circulation air is being exchanged all the time and is absorbing humidity. The required temperature and duration of drying can be adjusted by controllers at the front side.

In addition an automatic temperature controller is integrated which cuts off the heating when exceeding a temperature of 120 °C inside. The dryer is isolated by an aluminium plated fleece and has to be placed in a room with good aerating.



TO 110

	TO 110	TO 180	TO 210
Code No.	8337	8338	8339
Tank			
Internal dimensions, l × w × d	600 × 500 × 350 mm	1000 × 500 × 400 mm	750 × 650 × 500 mm
Material	stainless steel AISI 304		
Volume heating room	105 l	200 l	244 l
Control	turning knobs		
Time setting	<div><div>▪ 1–15 min, ± 5 %</div><div>▪ Continuous operation (∞)</div></div>		
Temperature control / drying			
Adjustable temperature range	30 –110 °C		
Heating power	10 kW	12 kW	
Ventilator	1800 m³/h	3600 m³/h	
Ventilator power	0.74 kW	1.48 kW	
Housing			
External dimensions, l ×w × h	750 × 700 × 800 mm	1250 × 750 × 800 mm	1000 × 900 × 800 mm
Material	stainless steel AISI 304		
Emission sound level pressure	< 75 dB (A)		
Feet	4 height adjustable feet		

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Power supply			
Mains supply	400 V 3N~ (± 10 %), 50 Hz		
Current consumption	12 A	22 A	
Leakage current	< 3.5 mA		
Mains cable	5 m, fixed at the unit, with three-phase plug CEKON 32 A		
Environmental conditions			
Permissible ambient temperature	15 – 45 °C (heated factory hall)		
Permissible relative humidity	30 – 60 %		
Height	< 1000 m above sea level		
Shipping information			
Weight, net	122 kg	142 kg	186 kg
Packing, l × w × h	1 special pallet 1200 × 800 × 1100 mm	1 special pallet 1550 × 1000 × 1100 mm	1 special pallet 1200 × 800 × 1100 mm