

## 폴리머 열분해로(Vacuum Cleaner, Pyrolysis Furnace)



본 폴리머 열분해로는 각종 플라스틱 가공설비 부품의 탄화물 등 이물을 제거하는 진공 열분해로서, 일체의 약품이 사용되지 않으며, 연소 또한 발생하지 않습니다.

따라서 부품에 과열, 기계적 특성손실 등이 발생하지 않습니다.

400~600°C의 온도로 통상 30~120분간 처리되며, -0.5bar의 진공이 가해집니다.

The vacuum cleaner reliably removes thermoplastic contamination from precleaned extrusion moulds, filter elements, laser discs etc. No cleaning agents required; combustion does not occur during the cleaning process. This protects the components against local overheating and thus against annealing and mechanical damage. A cleaning cycle takes between 30 and 120 minutes depending on the mould size, at a working temperature of 400 - 600°C and with a vacuum of approx. -0.5 bar.

The SC 600V can be installed in any room with a water supply and drain, a gas extractor and a power supply.

Type	Vacuum cleaner SC 600V	Vacuum cleaner SC 700V
External dimensions	1.900 x 850 x 1.700 mm	1.940 x 850 x 1.850 mm
Workspace dimensions		
- with grating attachment:	530 x 510 x 380 mm	600 x 600 x 425 mm
- without grating attachment:	530 x 510 x 480 mm	
max. workpiece weight	ca. 120 kg	ca. 120 kg
Vacuum pump	1,5 kW, 2.900 U/min	1,5 kW, 2.900 U/min
Water consumption vacuum pump	3 - 5 l/min bei 2 bar	3 - 5 l/min bei 2 bar
Water supply	3/8"	8"
Water discharge	1"	1"
Gas extractor	2" Rohr	2" Rohr
Heating units	total 9.5 kW	total 9.5 kW
Arbeitstemperatur	450 °C	450 °C