



UNIROOF 700 Automatic Welder

The UNIROOF 700 is a compact, automatic welding machine suited to weld thermoplastic membranes (for example made of TPO, PVC, EVA, PIB and modified bitumen) on flat roofs up to approx. 500 sqm and slightly inclined roofs (up to 30°). Closed-loop control of the temperature, speed, and air volume ensure reliable welds even in changing conditions. The Monitored Welding Assistant warns the operator with an alarm and lights up the digital display in red if the machine strays from the set welding parameters. Leister's new power management system maintains welding performance even when undervoltage occurs.

- Monitored Welding Assistant for process reliability
- Welding quality documented thanks to LQS
- Redesigned nozzle ensures homogeneous weld seam
- Power management systems compensates for undervoltage to maintain welding performance
- Save and recall welding recipes in the myLeister app
- Low-maintenance, brushless motors
- Eco mode saves up to 30% energy when not welding
- Welds as close as 100 mm to obstacles

Technical Data

Voltage	V	120	230
Power consumption	W	1800	3680
Temperature	°C	100 - 620	100 - 620
Speed	m/min.	1.0 - 10.0	1.0 - 10.0
Air Flow Range	%	45 - 100	45 - 100
Control		Closed-loop with display	
Blower		Brushless motor	
LQS		Yes	
Size (L x W x H)	mm	475 x 244 x 260	475 x 244 x 260
Weight	kg	17.0	17.0
Approval markings		CE, QPS	CE, QPS
Electrical protection		Class I	Class I

Article No.:

165.834: UNIROOF 700, 230 V / 3680 W, 40 mm, no plug

165.835: UNIROOF 700, 120 V / 1800 W, 40 mm, no plug

Included in delivery: UNIROOF 700, guide bar, weights, storage case



UNIROOF 700 with LQS



DOCUMENTED

Quality assurance through LQS

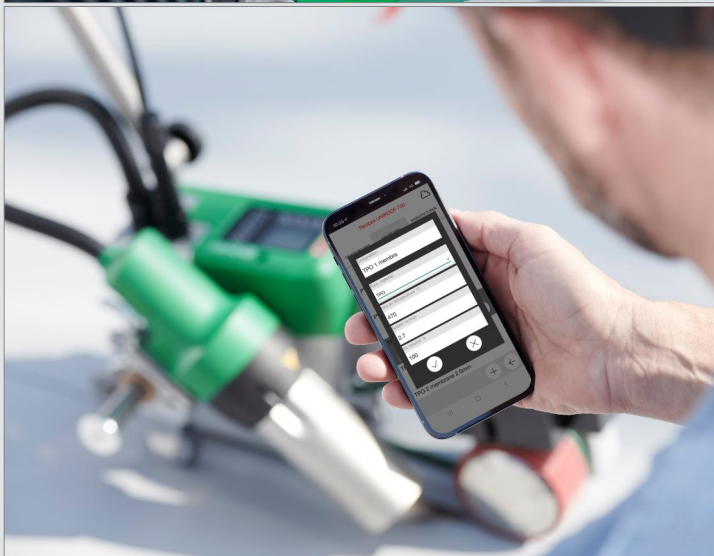
The LQS Roofing data report can be used for a small fee via the myLeister app. LQS documents the welding parameters (speed, air volume and temperature), reports are then generated as PDF or CSV files via the myLeister app. Thanks to the tools GPS integration, roofers can prove the quality of their work via the GPS coordinates. Leister sets a new, quality standard in the roofing industry.



CONTROLLED

Monitored Welding

The Monitored Welding Assistant on the UNIROOF 700 monitors the welding process and warns users if measured values for speed, temperature, or air flow stray outside the acceptable band set by the operator. The digital display lights up in red and an acoustic alarm warns the user that corrective action is necessary to maintain the integrity of the weld. Optionally, if no corrective action is taken after 30 seconds the heating and drive are switched off.























MYLEISTER APP

Welding recipes in the myLeister app

The myLeister app provides an overview of saved welding recipes. Prefabricated welding profiles for TPO, PVC, EVA, PIB are already entered. Quickly and easily add new recipes in the app and then transfer to the machine via WiFi.

UNIROOF 700 Accessories

					
170.119: Inseam scraping nozzle, 40mm	108.129: Guide bar, upper part	137.843: Guide bar, upper part	154.522: Transportation axle 300 mm	152.706: Transportation axle 220 mm for radius welding	155.577: Locking plate for additional weights
					
152.741: Additional weight lateral	152.742: Additional weight front	154.462: Nozzle adjustment gauge	132.429: Welding plate	154.827: Plastic case	140.160: 40 mm, silicone
					
140.161: 28 mm, silicone	106.976: 28 mm, PTFE	106.974: 80 mm, silicone	106.972: 6 mm, brass, penny roller	138.314: Seam probe tester for overlap seams	151.188: Chamfer edge planer for T-joints
					
137.855: Leister knife	151.382: Inside corner tool, Kehlfix for plastic liners				