

MES is Expanding its Spectrum of Infrared Services to include Mobile Infrared Test Equipment

Mehler Engineering + Service GmbH has expanded its spectrum of services to include mobile IR test equipment for infrared drying and heating tasks and for optimisation measures in production processes.

These mobile IR systems can be utilised in the production process and in pilot installations to conduct conclusive drying and temperature rise tests.

Mobile IR test equipment:



Technical data for the mobile IR test equipment

Elliptical or parabolic IR heaters

Installed load: 500 W - 3 kW max./230 V - 400 V - exchangeable
Wavelength: 1,2 µm within emission maximum

IR test cartridges

Installed load: 18/36/(54) kW max./230 V - exchangeable
Wavelength: 1,2 µm within emission maximum
Integrated supply air fan: up to approx. 700 m³/h
Outer dimensions: 420 x 1.200 x 210 mm (L x W x H)

Arrangement relative to product flow direction

	crosswise:	lengthwise:
Working width:	approx. 1.050 mm max.	approx. 250 mm
Effective throughput length:	approx. 250 mm	approx. 1.050 mm max.

Temperature and performance control systems with accessories

Connection: 3 x 400/230 V, N, PE, 50-60 Hz, via CEE connector
16/32/63/125 A, 5-pole, or via terminal blocks

Output control: via speed of machinery; temperature-controlled, or in conjunction with contact-free surface temperature measurement