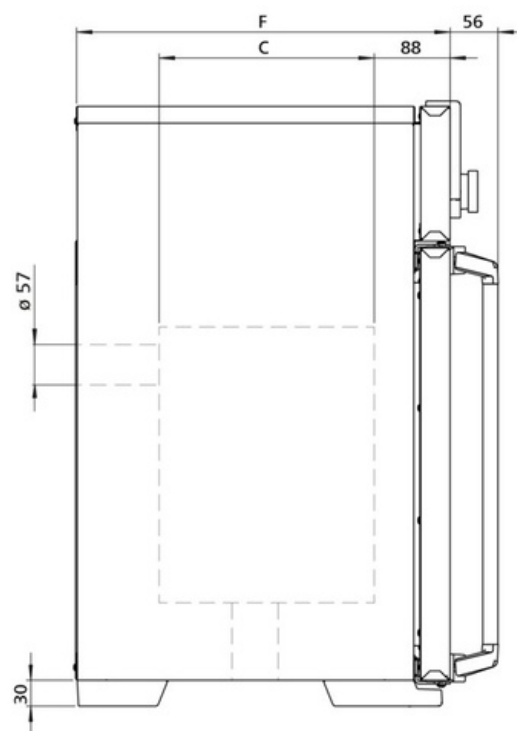
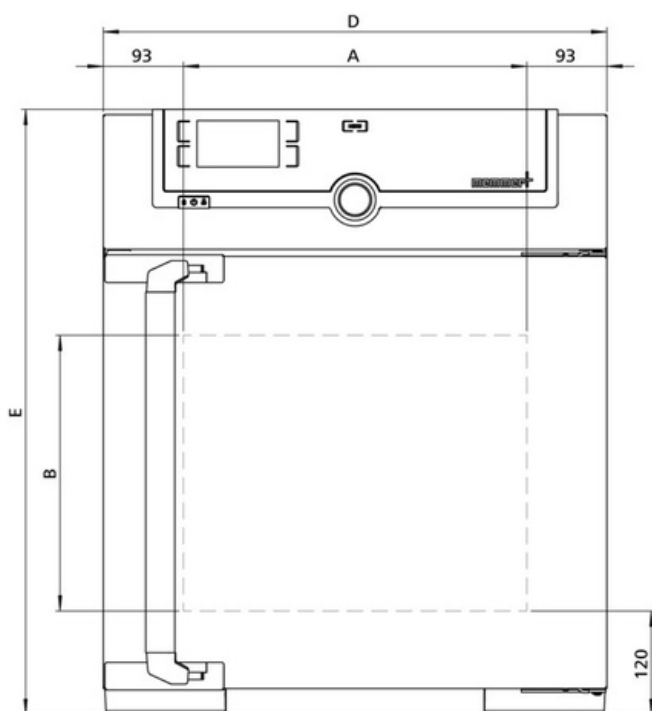


IN30

The incubator I is perfect for the world of research, medicine, pharmaceuticals and food analytics, as well as food chemistry.



Temperature

Setting temperature range	+20 to +80 °C
Working temperature range	at least 5 above ambient temperature to +80 °C
Setting accuracy temperature	0.1 °C
Temperature sensor	1 Pt100 sensor DIN class A in 4-wire-circuit

Control technology

Control	COCKPIT	SingleDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with high-definition TFT-colour display
Timer		Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
Function	Setpoint	WAIT the process time does not start until the set temperature is reached
Calibration		three freely selectable temperature values
adjustable parameters		temperature (Celsius or Fahrenheit), air flap position, programme time, time zones, summertime/wintertime

Ventilation

Convection		natural convection
Fresh air		Admixture of pre-heated fresh air by electronically adjustable air flap
Vent		vent connection with restrictor flap

Communication

Documentation		programme stored in case of power failure
Programming		AtmoCONTROL software for reading out, managing and organising the data logger via Ethernet interface (temporary trial version can be downloaded). USB stick with AtmoCONTROL software available as accessory (on demand).

Safety

Temperature control		adjustable electronic overtemperature monitor and mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 20°C above nominal temperature
Autodiagnostic system		for fault analysis

Standard equipment

Works calibration certificate		incl. works calibration certificate for +37°C
Door	Door Internals	fully insulated stainless steel door with 2-point locking (compression door lock)
		inner glass door
		1 stainless steel grid(s), electropolished

Stainless steel interior

Interior	easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides	
Volume	Dimensions	32 l
Max. number of internals	w(A) x h(B) x d(C): 400 x 320 x 250 mm	
Max. loading of chamber	3	
Max. loading per internal	60 kg	
	20 kg	

Textured stainless steel casing

Dimensions	w(D) x h(E) x d(F): 585 x 704 x 434 mm (d +56mm door handle)
Housing	rear zinc-plated steel

Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 1600 W
Voltage	115 V, 50/60 Hz
Electrical load	approx. 800 W

Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.
Altitude of installation	max. 2,000 m above sea level
Ambient temperature	+5 °C to +40 °C
Humidity rh	max. 80 %, non-condensing
Overvoltage category	II
Pollution degree	2

Packing/shipping data

Transport information	The appliances must be transported upright
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-Reg.-No.	DE 66812464
Dimensions approx incl. carton	w x h x d: 660 x 890 x 650 mm
Net weight	approx. 48 kg
Gross weight carton	approx. 64 kg

Standard units are safety-approved and bear the test marks

