

Angelantoni ACS DM600E Environmental Chamber



Stock No	OF2681J
Manufacturer	Angelantoni
Model	DM600 E
Condition	Excellent Condition, Unused, Current Model
Internal Size (WxDxH mm)	850 x 730 x 892mm (553 Litres Capacity)
Max Temp	Range from -20°C to plus 180°C
Other Info	Temp. & Humidity Environmental Chamber
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	1124 x 1768 x 2049mm

Description

The DM600 E Environmental Chamber is part of the Angelantoni Test Technologies Discovery My “E” Series climatic chambers, designed for general-purpose environmental testing where moderate temperature ramp rates and stable climatic conditions are required. It is commonly used for pharmaceutical, plastics, rubber, paper, electronics, and semiconductor testing. It is intended for laboratories and production environments requiring reliable temperature-humidity testing without the higher ramp-rate performance of premium environmental chambers

Typical Applications

- Pharmaceutical stability studies.

- Electronic component reliability testing.
- Semiconductor qualification.
- Automotive component validation.
- Plastic and rubber aging tests.
- Packaging and transportation simulation.
- Material research and development.
- Quality assurance testing.

Performance Characteristics

- -20°C to +180°C temperature range
- 10–98% RH humidity control
- 1.5°C/min heating and cooling rates
- Excellent stability (± 0.1 – 0.3°C)
- 10.5 kW power rating
- Industrial-grade environmental testing capability

Temperature Control

- Stable temperature regulation from -20°C to +180°C.
- Suitable for:
 - Aging tests.
 - Thermal endurance tests.
 - Material conditioning.
 - Storage simulation.
 - Product qualification testing.

Humidity Control

- Relative humidity range: 10–98% RH.
- Climatic operation available between +10°C and +95°C.
- Used for:
 - Tropical exposure testing.
 - Moisture resistance testing.
 - Corrosion and degradation studies.
 - Packaging validation.

Environmental Stability

- Temperature uniformity/fluctuation: ± 0.1 – 0.3°C .
- Humidity stability: ± 1 – 3% RH.
- Complies with climatic test requirements according to IEC 60068 environmental testing practices.



Standard Features

The Discovery My E series typically includes:

- Programmable touchscreen controller
- Temperature and humidity profiling
- Data logging capability
- Stainless-steel test workspace
- Forced-air circulation system
- Refrigeration system for low-temperature testing
- Safety over-temperature protection
- Access port for instrumentation cables
- Automatic humidity generation and control system

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.