



THE LAB EQUIPMENT

Email : sales@thelabequipment.com

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Product Name :

Air Conditioning System Trainer

Product Code :

SLE/MCE/82



Website: <https://thelabequipment.com>, **Email:** sales@thelabequipment.com

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Description :

Specification:

- **Humidifier Heating power:** 400W
- **Air Heater power:** 360W
- 2 heaters in the chamber as cooling load
- **Power output:** 0...250W each, freely adjustable
- **Power consumption:** 140W at -10°C
- **Refrigeration capacity:** 320W at +5/40°C
- **WxH:** 155x155mm
- **Refrigerant:** currently available in the market
- **Filling volume:** 1,2kg
- **CO2-equivalent:** 0,8t

Measuring ranges

- **Temperature:** 0...50°C
- **Rel. humidity:** 10...90%
- **Power consumption:** 0...600W (condensing unit)
- **Flow rate:** 1,5...23,5L/h (refrigerant)
- **Air velocity:** 0...2,5m/s
- **Power:** 2x 0...300W (cooling load)
- **Pressure:** -1...9bar / -1...24bar (refrigerant)
- Air duct with fan, air cooler, humidifier, flaps, air heater and sensors.
- Chamber with wet (latent) and dry (sensitive) heat source as cooling load.

Power Supply Required:

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase

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