

## SciLab – GR-F150

- Recirculating and filtering fume hood, without external ducting
- Type 1 molecular filtration: Activated carbon filters suitable for solvents (organic vapors) and acids.
- Compliance and standards: Filtration and containment performance in accordance with AFNOR Standard NFX 15-211:2009, CE Marked.
- Structure: Anti-corrosion electro-galvanized steel coated with a thermo-hardening, acid-resistant polymer (thickness: 1.2 mm).
- Panels and front shield: Transparent, colorless acrylic with high optical purity and chemical inertness (thickness: 8 mm).
- Filtration module: Injection-molded polypropylene.
- Working opening: Large trapezoidal access window.
- Work surface: Epoxy resin, resistant to chemical attack.
- Support frame: Anti-corrosion treated galvanized steel.

### **Practical features:**

- Manually tilting, inclined front panel.
- Adjustable airflow rate: 0 to 2030 m<sup>3</sup>/h.
- Front air velocity: 0.4 to 0.6 m/s.
- Internal lighting: White light.
- Number of filters: 2.
- Number of extraction motors to filters: 2.
- Motor noise level: ≤ 70 dB.
- Motor power consumption: ≤ 225 W.
- Motor lifespan: ≥ 60,000 hours.

### **Electronic control and parameter display via 5" touch screen:**

- Filter saturation level.
- Filter usage time.
- Extractor speed and adjustment.
- Airflow rate and adjustment.
- Adjustable alarms for VOC detection (Volatile Organic Compounds : ppm concentration): VOC1 is the limit of VOC concentration absorbed by filters and VOC2 is the limit of VOC concentration present in the surrounding environment (laboratory).
- Temperature alarm: Adjustable limit for ambient (laboratory) temperature.
- Integrated electronic anemometer displaying front air velocity.
- Ambient temperature and humidity display.
- Real-time date and time.
- White light control.
- Screen brightness control.
- External Dimensions: L 1500 × D 920 × H 1292 mm (without support stand) and H 2060 mm (with support stand).
- Internal dimensions: L 1480 × D 720 × H 840 mm.
- Electrical supply: 220 V – 50 Hz – 3.4 A.

### **Supplied with:**

- Two (02) activated carbon filters suitable for solvents (organic vapors) and acids.
- Two (02) extraction motors (from the hood to the filters).
- One (01) support stand for the hood.

**P.S.: Also available with external widths of 100 cm, 120 cm, or 180 cm.**

