

X-TREME SERIES AUTO DRY CABINETS

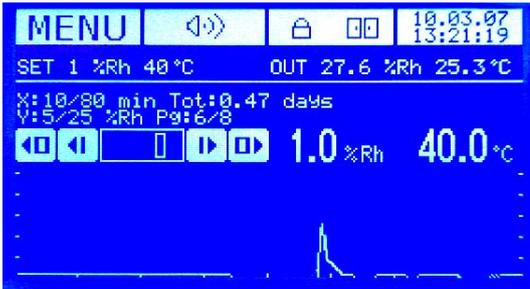
An ideal solution to dry & store Moisture Sensitive Devices!

Drying & Storage of Moisture Sensitive Devices getting more and more important. With its reliable design and leading specifications, **X-TREME Series** auto dry cabinets are suitable for almost all dehumidification applications.

**1% Rh Internal Humidity
Ultra Fast Dehumidification Rate**

User friendly **Touch Screen** control panel enables easy access to all user settings and system information. **Built-in Datalogger Curve Plotting** of relative humidity provides information of last memory records at a glance.

Unique Ultra Fast Dehumidification Rate and its **Stylish Looking** make X-TREME series perfect even for hard to please users. Competing X-TREME features include:



- 100% **Redundancy** of dehumidification process. Double dryer units¹ ensure fail-safe and reliable operation. Diagnostics simplifies any fault monitoring and correction.
- Smart microcontroller software, easy operating menus with 128x240 pixels large **Touch Screen LCD** panel graphics and reliable control with user **access codes**. All user settings can be done in seconds. **Graphics Display** of relative humidity and temperature values and **Curve Plotting**. User can monitor the humidity and temperature inside cabinet (optional outside too) for a period of time at a glance. **Built-in Datalogger History Pane** enables to show all recorded data sequentially in curve plotting. User can easily follow the past (60 min standart, or much more with optional memory cards). **Real Time Clock** ensures correct date and time data for display and other records. Controlling and monitoring the cabinet is so simple and effective, becoming a pleasure with **silent operation** (~35dB).
- **Patented Dryer Technology** offers **Ultra Fast Dehumidification Rate (<10min²)** and compensates door openings. Confident even in the hardest ambient and operating conditions!
- High storage volume of **1250 litres** (1210 lt with isolation) on 0.9 m² floor area with its **electrostatic painted steel body**. All electronics+mechanics on top section provide **Unobstructive free space** inside the cabinet. **Double wall isolated body⁴** stabilizes temperature and guarantees **energy saving**. **Four Door** configuration minimizes exposure to condition outside when any of the doors opens. **Thermal glass** of 22 mm thickness and **magnetic gaskets** offer **perfect insulation** on doors. Automatic Fan Circulation within back air channels prove Very **homogeneous and even dispersal of humidity and temperature** values on every shelf. Easy moving by **casters**. **Inter-changeable Stainless steel shelves** makes it easy to place devices in different size. Up to 50 kg of load capacity for a shelf. Stainless steel shelves providing endurance and rigidity. No rust or corrosion!
- Humidity Set Range 1%- 50 % Rh³ and temperature set range 20°C - 45°C⁴ (Optional 60°C) provide versatility for different applications. **Accurately** calibrated humidity and temperature sensors ensure correct measurements. **0.1 %Rh** and **0.1°C** resolution of humidity and temperature display. Optional **Calibration Software** or precisely calibrated sensors are available for customers even hard to please.
- Ready to add **Nitrogene Injection and Flow System**, allowing superior protection and faster dehumidification with automatic purging sequences for safety.
- **Remote Monitoring** with RS-232 interface. Very detailed **Data Logging & Monitoring Software** logs the real time user and cabinet data on PC and displays **Curve Plotting, measuring, tables** of the past logged data on PC monitor even for months. **Memory Dump to PC Software** transfers the data recorded in external memory⁷ of the cabinet to the PC.
- **Door Open, Humidity and Temperature Level Alarms** with **Access code** protected **adjustable parameters** of offset values, alarm periods and time to alarm. **Programmable alarm warnings** with Alarm Light Bar⁵. **Alarm History** shows all the alarm records. **External Alarm Outputs** enable user to be remotely aware of alarm conditions with **Alarm Light Bar⁵**.
- **Cabinet Light⁶** enables easy to see the material inside even when the cabinet is full. Activated by **motion sensor, display touch** or **door opening with user defined timers**. Energy saving with automated control!
- **LCD Backlight** also controlled by **motion sensor activation, display touch** or **door opening with user defined timers**. Longer display life with automated control!
- **Access code** protected electronic controlled **Automatic Door Locks⁸**. Easy and practical protection against unauthorized door openings. No need to carry keys!
- **Stainless Steel Shelves, Grounded Body** prevent sensitive devices from electrostatic discharges. **Wrist Snap Connections** on front and back panels provide **ESD Compatibility**.
- Compliance with IPC/JEDEC **J-STD-033A** (July 2002) Industry Standard requirements. Compliance with CE.
- External Dimensions: (WxHxD): 1200 x 1962 x 750 mm h-floor : 30 mm
Internal Dimensions : (WxHxD): 1197 x 1655 x 633 mm (w/o isolation) ~1250 lt
1170 x 1633 x 633 mm (w isolation) ~1210 lt

¹ For Cabinets configured with Double Dryer Unit.

² With Double Dryer Heated Units, Empty Cabinet Test.

³ Maximum values are equal to ambient humidity.

⁴ Minimum values are equal to ambient temperature, for cabinets configured with temperature controlled heating.

⁵ When Alarm light Bar used.

⁶ For Cabinets configured with Cabinet Light.

⁷ For Cabinets configured with Memory Card

⁸ For Cabinets configured with Automatic Door Locks.