

# CS-600

## Cabinet



### Information

|              |                                            |
|--------------|--------------------------------------------|
| Product Name | CS-600 Cabinet                             |
| Part Code    | Depend on the configuration <sup>[1]</sup> |

### Physical Features

|                              |                                                                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| External Dimensions(WxHxD)   | 706 x 1966 <sup>[1]</sup> x 801 mm   706 x 2126 x 801 mm (With Cooling Unit)                                                                                    |
| Internal Dimensions(WxHxD)   | 641 x 1582 x 581 mm                                                                                                                                             |
| Internal Net Volume          | 588 lt                                                                                                                                                          |
| Weight                       | 134 kg <sup>[1]</sup>                                                                                                                                           |
| Max.Load Capacity of a Shelf | 40 or 90 kg <sup>[1]</sup>                                                                                                                                      |
| Ground Clearance             | 30 mm                                                                                                                                                           |
| Door Structure               | Thermal Insulated Glass, Magnetic Gasket (For 2°C Cabinets), Silicone Gasket with Manual Lock - Light Duty Latch Toggle Clamps With U Hook (For 125°C Cabinets) |
| Standart Door                | 2 Doors, Optional: 1 Door                                                                                                                                       |
| Shelf Capacity               | 16                                                                                                                                                              |
| Caster and Legs              | 4 Casters (2 Lockable) and Adjustable Stabilization Legs                                                                                                        |
| Material                     | Powder Coating Carbon Steel                                                                                                                                     |
| Cabinet Structure            | Thermal Insulation and Interior Stainless Steel (SS) Panels on All Sides                                                                                        |

### Shelves Features

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Material          | Stainless Steel 430                                                   |
| Dimensions(WxHxD) | Fixed (WxHxD): 580 x 20 x 565 mm   Sliding (WxHxD): 490 x 50 x 556 mm |

### Electrical Features<sup>[1]</sup>

|                   |                                                |            |       |                   |                     |                     |
|-------------------|------------------------------------------------|------------|-------|-------------------|---------------------|---------------------|
| Voltage           | 220 – 240 V AC 50-60 Hz, 110-120 V AC 50-60 Hz |            |       |                   |                     |                     |
| Power Consumption | Base                                           | Dryer Unit | Light | N2 Auto Flow Unit | Cooling Unit (2 °C) | Heater Kit (125 °C) |
|                   | 30 W                                           | 800 W      | 14 W  | 50 W              | 550 W               | 2400 W              |

### Operational Features<sup>[1]</sup>

|                                                      |                                                                     |
|------------------------------------------------------|---------------------------------------------------------------------|
| Humidity Set Range                                   | 0.5% to 98% (Depends on configuration)                              |
| Temperature Set Range <sup>(With Cooling Unit)</sup> | 2 °C to Ambient                                                     |
| Temperature Set Range <sup>(With Heater Kit)</sup>   | Ambient to 125°C                                                    |
| Drying Performance                                   | 50% Rh to ≤ 1% Rh under 7 minutes, 50% Rh to ≤ 5% Rh under 4minutes |



## Measurements

|                                                                                          |                                                                                     |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Relative Humidity & Temperature Sensor Accuracy to the Reference Meter After Calibration | Humidity : $\pm 0.3\% \text{ RH}$ (0...20% RH) $\pm 1.5\% \text{ RH}$ (20...99% RH) |
|                                                                                          | Temperature : $\pm 0.5^\circ\text{C}$ (at $25^\circ\text{C}$ )                      |
|                                                                                          | Humidity Resolution : 0.01% RH                                                      |
|                                                                                          | Temperature Resolution : 0.01°C                                                     |

## System Features

|                       |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| Operating System      | V2.x or V3.x                                                                    |
| Display               | V2.x : 107 × 57 mm   V3.x : 154 × 85 mm (7")                                    |
| Display Resolution    | V2.x : 240*128 pixels   V3.x : 800*480 pixels                                   |
| Interface Type        | Wi-Fi(Wireless) <sup>[1]</sup> , RJ45 LAN <sup>[1]</sup> , USB-A                |
| Datalogger            | Captures detailed, minute-by-minute, daily, weekly, monthly, and yearly records |
| Date & Time           | Real Time Clock, Date (dd.mm.yy), Time (hh:mm:ss)                               |
| Traceability Solution | Remote Monitoring System (RMS)                                                  |
| Access Control        | RFID Access (125 kHz or 13,56 MHz)                                              |
| Lighting Solution     | Interior Lighting System (2-Color Light)                                        |

## Alarm Functions

|                                   |                                                                            |
|-----------------------------------|----------------------------------------------------------------------------|
| Alarm Type                        | Standard Internal Buzzer, E-mail                                           |
| Humidity Level Alarm              | Humidity (+/-) Offset %Rh: 0 – 40, Time To Alarm Period (min): OFF – 240   |
| Temperature Level and Cycle Alarm | Temperature (+/-) Offset °C: 0 – 40, Time To Alarm Period (min): OFF – 240 |
| Door Ajar ( Left Open ) Alarm     | Time To Alarm (sec): 0 – 600, Repeat Period (min): 0 – 20                  |
| System Errors / Malfunctions      | Buzzer Alarm Duration (sec): 0 – 240, Ext. Alarm Duration (min) 0-60       |

## Environmental

|                   |               |
|-------------------|---------------|
| Relative Humidity | 1% - 90% RH   |
| Temperature       | 15 °C – 40 °C |
| Protection Class  | IP 20         |

## Accessories

- AISI 430 Stainless Steel Body Option
- Stainless Steel Shelves
- Stainless Steel Sliding Shelves
- Stainless Steel FIFO Shelves
- Stainless Steel Reel Holders
- Stainless Steel PCB Holders
- Stainless Steel U-Divider
- Stainless Steel I-Divider
- Custom Sliding Feeder Storage Solution
- Solder Paste (Jar) Storage Solution
- Solder Paste (Vertical Syringe) Storage Solution
- Dryer Unit
- Second Dryer Unit
- N2 Auto-Flow Unit
- Password-Enabled Automatic Door Locks
- Thermal Insulation
- Heater Kit (125 °C)
- Gas-Cooled Cooling Unit (2 °C)
- Water-Cooled Cooling Unit (Chiller)
- Extraction Unit for Venting Internal Air to the Outside
- Outdoor Humidity and Temperature Sensor
- External Alarm Bar with Magnetic Base, 2-Color Light and Buzzer
- Humidifier Unit
- Internal HEPA Filter Class 1000 (ISO 6)
- Indoor UV Light
- Integrated Oxygen Sensor
- Power Consumption Monitoring Module
- Modbus/ERP Connectivity Software Module
- MSD (Moisture Sensitive Device) Traceability Software

[1] This statement indicates a condition that may vary depending on specific options, or configurations  
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