

# Datasheet



## BIOMEDICAL

### CATEGORY - ULTRA LOW TEMPERATURE

### MODEL - VT 78

#### Controller

|                      |     |
|----------------------|-----|
| High/Low Temp. Alarm | Yes |
| Open Door Alarm      | No  |
| Probe Failure Alarm  | Yes |
| Power Failure Alarm  | Yes |
| USB Connection       | No  |
| Temperature Graph    | No  |

#### Features

|                                    |     |
|------------------------------------|-----|
| Lock                               | Yes |
| LED Light                          | Yes |
| Battery Backup for Controller, 48h | Yes |
| Porthole                           | Yes |
| Dry Contact                        | Yes |
| Hot Wire in Panel                  | No  |
| Double Panels                      | No  |
| Vacuum Insulated Panels            | No  |
| Vacuum Release Port                | No  |
| Compressor                         | 1   |

#### Construction

|                          |                                |
|--------------------------|--------------------------------|
| Outer Dimensions, HxWxD  | 870x555x555                    |
| Inner Dimensions, HxWxD  | 466x387x387                    |
| Volume Gross/net, L      | 74 / 71                        |
| Net Weight, kg           | 44,6                           |
| Material Inner Cabinet   | Painted Steel                  |
| Material Outer Cabinet   | Painted Steel                  |
| Insulation Thickness, mm | 80                             |
| Insulation Type          | Polyurethane with Cyclopentane |
| Refrigerant              | Nature R                       |
| Refrigeration System     | Static                         |
| Feet / Castors           | Feet                           |



LOW NOISE



ENVIRONMENT FRIENDLY



USER FRIENDLY

#### Operation

|                              |            |
|------------------------------|------------|
| Temperature Range, C°        | -60 to -86 |
| Noise, dB                    | 55         |
| Energy Consumption 24/h, kWh | 5          |
| Frequency, Hz                | 50         |
| Power Supply, V              | 220 / 240  |

#### Storage

|                                  |       |
|----------------------------------|-------|
| Number of Shelves (Standard/max) | N/A   |
| Shelf material                   | N/A   |
| Max Loading pr. Shelf, kg        | N/A   |
| Max no. of 50mm Cryoboxes        | 28    |
| Vials, 2ml                       | 2.800 |
| Inner Lids                       | 1     |