



# DATA SHEET



## Model: PDF 440 xPRO

## Blood Bank Freezer

### Description

- 2 versions, steel epoxy coated white colour or stainless steel
- 5 models with capacities from 270 to 625 litres
- solid doors realized with the same insulation and material as the structure
- 2 levels for the control, standard and xPRO
- internal fitting with open wire shelves and mix-up possibility shelves-drawers
- internal lighting
- forced-air refrigeration
- automatic defrost with evaporation of condensate water
- temperature until -40°C



### FEATURES

#### STANDARD



#### xPRO



|   |                              |                             |
|---|------------------------------|-----------------------------|
| Micro-processor operating                                     | •                            | •                           |
| Digital display   | •                            | •                           |
| Display resolution  | 0,1°C                        | 0,1°C                       |
| Temperature indication °F/°C                                  | •                            | •                           |
| LED alpha-numerical display                                   | • (4 characters)             | –                           |
| TFT graphical color display                                   | –                            | •                           |
| Display indications in different languages                    | –                            | • (3 languages)             |
| Back up battery with automatic recharge                       | –                            | •                           |
| Soft-touch buttons  | •                            | –                           |
| Capacitive buttons  | –                            | •                           |
| Keyboard locking protection                                   | • (manual)                   | • (automatic, programmable) |
| ON/OFF switch password protected                              | –                            | • (programmable)            |
| Chart of the temperature trend on display                     | –                            | •                           |
| <b>Visual and acoustic alarm signaling for:</b>               |                              |                             |
| - high/low temperature  | •                            | • (programmable)            |
| - door ajar (acoustic with delay)                             | •                            | • (programmable)            |
| - power failure   | • (upon return mains supply) | •                           |
| - anti freezing evaporator                                    | •                            | •                           |
| - sensors failure   | •                            | •                           |
| - condenser dirty   | –                            | •                           |
| - battery discharged  | –                            | •                           |
| - defrost time-out  | –                            | •                           |
| Acoustic alarm with muting facilities and automatic ring-back | –                            | • (programmable)            |
| High and low temperature alarm limits adjustable              | •                            | •                           |
| Test facilities   | –                            | •                           |
| High and low temperature alarm limits test facilities         | –                            | •                           |
| Internal ventilation adjustment (where applicable)            | •                            | •                           |
| Internal calendar and clock                                   | •                            | •                           |
| Lighting button   | •                            | •                           |
| Automatic defrost   | •                            | •                           |
| Manual defrost activation facilities                          | •                            | •                           |
| Defrost intervals adjustable                                  | •                            | •                           |
| Alarms log memory   | • (10 alarm conditions)      | • (30 alarm conditions)     |
| Door openings log memory                                      | –                            | • (latest 50 days)          |
| Defrost log memory  | –                            | • (latest 16 defrosting)    |
| Pt 1000 sensors   | –                            | •                           |
| Ntc sensors   | •                            | –                           |
| Temperature calibration facilities                            | •                            | •                           |
| NO/NC contact   | •                            | •                           |
| Service menu password protected                               | •                            | •                           |

#### ACCESSORIES OPTIONALLY AVAILABLE:

|   |   |   |
|---|---|---|
| USB port                                  | – | • |
| Extra sensor for product simulation alarm | – | • |



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