



Certificate No. GB91/0615
first registered in 1991



Blood Banks

Designed, developed and manufactured to meet the strict requirements of BS 4376. Vindon Blood Banks provide the stable and reliable conditions necessary for the safe storage of whole blood and red cell components.

The complete range of Blood Banks includes a wide selection of models from Bench-top, Single-entry or Pass-through models, to large volume Reach-in and Walk-in Rooms.

We only use CFC free refrigerant and all models are available with the option of dual refrigeration systems.

All manufacturing is within the scope of our Quality System which has been assessed by independent auditors and meets the requirements ISO 9001:2000.



Vindon

VINDON SCIENTIFIC LIMITED

Kiln Green, Diggle, OLDHAM, Lancashire, OL3 5JY England Tel: +44(0)1457 876616 Fax: +44(0)1457 871355
internet: www.vindon.co.uk email: sales@vindon.co.uk

Blood Banks



glass doors available as an optional extra

STANDARD BLOOD BANKS

Model References: 1511 1521 1512 1522

Standard blood banks are available in single or double door versions, with single, or dual auto-cycling, refrigeration systems.

Sliding drawers permit easy access to blood stored at the rear of the chamber.

A plastic coated wire matrix inside the drawer allows the location of each bag to be uniquely identified.

PASS THROUGH BLOOD BANKS

Model References: 1511PT 1521PT 1512PT 1522PT

Pass through blood banks are ideally suited for "hole in the wall" applications. Side trims are available to secure the cabinet once installed.

The pass through section can be restricted to a single drawer, a number of drawers, one side or the whole cabinet. Access can thus be controlled as necessary.

The sliding drawer system will extend fully both ways. Contact Vindon for details.

COMPACT BLOOD BANKS

Model references: 1510 1520 1530

A range of Blood Banks offering smaller capacities whilst still retaining all the requirements of BS 4376.

Although initially designed for bench or table top siting, these cabinets are easily re-locatable.

By specifying the optional castors and special handles these cabinets can actually be used to transport blood from the main blood store to theatre, ward etc. The excellent insulation and mains independent chart recorder ensure that the blood is protected at all times.

Product Details

Model	1510	1520	1530	1511	1521	1512	1522
Capacity in bags	32	64	96	160	200	320	400
BS4376 Class BS4376 Type	1 1 or 2	2 1 or 2	2 1 or 2	3 1 or 2	3 1 or 2	3 1 or 2	3 1 or 2
Overall height (mm)	700	920	1140	1640	1860	1640	1860
Overall width (mm)	610	610	610	770	770	1520	1520
Overall depth (mm)	720	720	720	870	870	770	770
Weight (Kg)	75	90	105	180	200	300	340
Dual refrigeration option	✓	✓	✓	✓	✓	✓	✓
Pass through option	✗	✗	✗	✓	✓	✓	✓
Refrigerant (CFC free)	R134a	R134a	R134a	R134a	R134a	R134a	R134a
Locking castors	Option	Option	Option	✓	✓	✓	✓
Self closing door	✓	✓	✓	✓	✓	✓	✓
Door lock	✓	✓	✓	✓	✓	✓	✓
Keyless digital door lock	Option	Option	Option	Option	Option	Option	Option
Product illumination	✓	✓	✓	✓	✓	✓	✓
Recorder + 100 charts	✓	✓	✓	✓	✓	✓	✓
High/low temp and mains fail	✓	✓	✓	✓	✓	✓	✓
Volt free contacts for connection to BMS	✓	✓	✓	✓	✓	✓	✓
Door ajar alarm	✓	✓	✓	✓	✓	✓	✓

SYSTEMS

Type 1 cabinets feature a single CFC free refrigeration system with integral defrost. Type 2 cabinets are fitted with dual auto cycling CFC free refrigeration systems. Under normal conditions the systems will cycle every 12 hours thus providing a regular off cycle defrost period. Electrical supply is simply a standard 13 Amp outlet (except 1522PT which is a 15amp spur outlet).

A digital thermometer provides an indication of the temperature of the air surrounding the blood bags to an accuracy of $\pm 0.5^{\circ}\text{C}$ and a comprehensive audio/visual alarm system protects the blood at all times. Over and under temperature alarms are set at $+2^{\circ}\text{C}$ and $+8^{\circ}\text{C}$.

A 7 day, mains independent, chart recorder is located within the control panel and features a lockable cover.

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