



Scope-Store

Endoscope Storage has Evolved

The new Scope-Store range of cabinets from LTE Scientific has been developed after detailed consultation with clinical professionals to provide a variety of endoscope storage solutions. Uniquely, the Scope-Store range is available in both vertical hanging and shelf loaded variants and can be supplied with fully automatic or manual controls.

Scope-Store +

Designed to meet and exceed the specific requirements of HTM guidelines, Scope-Store + provides enhanced control and traceability, with validation data allowing endoscopes to be stored for up to 72 hours.

Double Filtration System – The endoscope channels are regularly purged with 0.2µ sterile air, whilst the exterior surfaces of the endoscope receive a continual feed of HEPA filtered air which constantly flushes the interior of the cabinet and maintains it under positive pressure. These conditions inhibit the growth of such micro-organisms as Pseudomonas sp. and Acinetobacter sp., so that endoscopes can be stored for up to 72 hours. The internal fan and compressor are included, thus removing the need to connect to site air supplies. As a further protection against cross-contamination, the Scope-Store + cabinet is finished with LTE's 'Sterling' Antibacterial epoxy powder coating both inside and outside.

Touchscreen Controls – The Scope-Store + has an easy-to-use touchscreen control system. The menu-based interface allows details of each user and endoscope to be recorded easily, with relevant data being clearly displayed.

Scope Identification – The identity of the scope and its location in the cabinet must be recorded on the touchscreen before purging can begin. When the endoscope is removed, the scope is logged out via the touchscreen. This procedure allows the endoscope to be fully traceable. Alternatively endoscopes can be scanned in and out of the cabinet using our barcode reader option.

Security, Monitoring and Traceability – Controlled access is one of the many features of the Scope-Store +. A door interlock prevents anyone without a relevant PIN from gaining access to the cabinet. Each entry and exit of the endoscope is recorded and attributed to the relevant user. The elapsed storage time of each endoscope is constantly displayed as a simple bar graph on the touchscreen. As each endoscope approaches its maximum storage period the relevant bar graph will change colour, thus alerting staff to the condition. After 72 hours the bar graph turns red and the cabinet will highlight an alarm. The airflow through each scope is constantly monitored. The monitoring system provides the clinician with a full picture of each endoscope's storage cycle. All data is recorded on a printer as standard and, optionally, can be stored on an internal archive or external PC via an independent monitoring system.

Cost Effective – Endoscopes stored in the open normally have to be re-processed after only 3 hours (BSG guidelines). Thus the ability to store endoscopes for up to 72 hours in the Scope-Store + will greatly improve efficiency and reduce reprocessing costs.

Independently Tested – Scope-Store + has undergone extensive independent operational and microbial tests to ensure that it meets the operational and safety requirements of the modern endoscopy department. Test results are available on request.



10-Scope Vertical Hanging Model
(+ Version)

There are three main Scope-Store models to suit individual needs. There are 2 vertically hanging models allowing up to 10 endoscopes to be stored. There is also a model fitted with 8 shelves for the storage of coiled endoscopes. The shelves on the Scope-Store S model are unique in that they pivot outwards, making loading/unloading of the scopes extremely easy.



5-Scope Vertical Hanging Model
(SE Version)

Scope-Store SE

Our Scope-Store SE models provide a manually controlled, cost-effective and efficient solution for the filtered air storage of endoscopes.

Double Filtration System – Each endoscope position is provided with its own dedicated medical air pump, ensuring that the endoscope channels are constantly purged with 0.2 μ sterile air when switched on, whilst the exterior surfaces of the endoscope receive a continual feed of HEPA filtered air which constantly flushes the interior of the cabinet and maintains it under positive pressure. These conditions help inhibit the growth of such micro-organisms as *Pseudomonas* sp. and *Acinetobacter* sp. Microbiology tests have shown Ocfu growth in surrogate devices over a 72hr period. As a further protection against cross-contamination, the Scope-Store SE cabinet is finished with LTE's 'Sterling' Antibacterial epoxy powder coating both inside and outside.

Manual Controls – Each Scope position has a corresponding push-button on the front of the cabinet. Once the scope has been connected, you simply press the push-button, which when lit will deliver filtered air to the channels via its own medical air pump.

Security – Unlike many competitive cabinets which rely on keys to gain entry to the cabinet or have no lock at all, access to the Scope-Store SE is via a security PIN keypad.

Cost Effective – Endoscopes stored in the open normally have to be re-processed after only 3 hours (BSG guidelines). Thus the ability to store endoscopes for up to extended periods in the Scope-Store SE will greatly improve efficiency and reduce reprocessing costs.



Technical & Ordering Information

Scope Store +

Model	Scope-Store V5	Scope Store V10	Scope Store S8
Catalogue No.	ED/SST/V5	ED/SST/V10	ED/SST/S8
Scope Capacity	5	10 (2 compartments)	8
Scope Arrangement	Vertical Hangers		Shelf Loaded
Internal Dimension HWD mm	1675 x 630 x 420	1675 x 630 x 420 (per compartment)	1675 x 515 x 485
External Dimension HWD mm	1925 x 965 x 450	1925 x 1675 x 450	1925 x 850 x 515
Hanger Details	Scope holders with pull-out hanging rails		N/A
Shelf Details	N/A		Swing-out shelves with 'Sterling' anti-bacterial coating. Including stainless steel baskets
Control System	Colour Touchscreen with individual PIN protection		
Printer	Thermal Printer Included		
Internal Lighting	Included		
Glass Door Panel	Included		
Air Delivery System	HEPA filtered air through chamber and internal endoscope channels. Fan and compressor included.		

Scope Store SE

Model	Scope-Store SE-V5	Scope Store SE-V10	Scope Store SE-S8
Catalogue No.	ED/SST/SEV5	ED/SST/SEV10	ED/SST/SES8
Scope Capacity	5	10 (2 compartments)	8
Scope Arrangement	Vertical Hangers		Shelf Loaded
Internal Dimension HWD mm	1675 x 630 x 420	1675 x 630 x 420 (per compartment)	1675 x 515 x 485
External Dimension HWD mm	1955 x 965 x 450	1955 x 1675 x 450	1955 x 850 x 515
Hanger Details	Scope holders with pull-out hanging rails		N/A
Shelf Details	N/A		Swing-out shelves with 'Sterling' anti-bacterial coating. Including stainless steel baskets
Control System	Manual. Individual push-button per scope position		
Door Access	Via PIN keypad		
Internal Lighting	Optional		
Glass Door Panel	Included		
Air Delivery System	HEPA filtered air through chamber and internal endoscope channels. Fan and individual medical air pumps included.		

Options and Accessories

A number of useful options are available which will further enhance your Scope-Store.

- **Data Archiving/Tracking** (Scope-Store + only). We offer a number of solutions for storing and tracking data. This can be an internal archive system or a remote system which feeds the cycle data to a PC. Where departmental tracking systems are fitted we can provide the necessary interface via our Scope-Store/NET option which will allow integration.
- **Bar-code Readers** (Scope-Store + only). For ease of data input and accuracy, we can provide bar-code readers for scope and operator identification.
- Some scopes, such as Colonoscopes are very long and can end up trailing on the base of storage cabinets. We offer a special frame which fits to the hanging bracket and keeps the endoscope off the base of the cabinet.



8-Scope Shelf Loaded Model
(+ Version)

Options for the Scope-Store Range

Cat No	Model	Description
ED/IDA/01	+	Internal data archiving (upto 5000 scope cycles)
ED/RDA/01	+	Remote data archiving to remote PC (PC not included)
ED/NET/01	+	Scope-Store/Net software for linking to other tracking system
ED/IMP/01	+	Impact printer to replace thermal printer
ED/BAR/01	+	Bar code reader plus software (excluding tags)
ED/CON/01	+/SE	Scope connector kit (5 scopes) – 7.5m tubing, 5 x fittings, 20 x Y-adapters
ED/CON/02	+/SE	Scope connector kit (8 scopes) – 12m tubing, 8 x fittings, 32 x Y-adapters
ED/CON/03	+/SE	Scope connector kit (10 scopes) – 15m tubing, 10 x fittings, 40 x Y-adapters
ED/MAN/01	+/SE	6-port manifold block for scope connection to air supply
ED/SNK/01	+/SE	Frame to prevent longer scopes from touching base tray
ED/FLR/01	SE	Fluorescent lighting for single compartment models
ED/FLR/02	SE	Fluorescent lighting for double compartment model

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