



Scope-Store +

BS EN 16442 compliant

Up to 30 days storage



Scope-Store +

The 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.

Designed and independently tested to meet the requirements of BS EN 16442, Scope-Store + provides enhanced control and traceability, with validation data allowing endoscopes to be stored for up to 30 days.

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 14 days. 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 or barcode 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 (which can be set up to 30 days) the relevant bar graph will change colour, thus alerting staff to the condition. After the maximum storage time has been exceeded, 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 and also stored on an internal archive, which are standard features on all Scope-Store + models. As an option, data can be stored on a PC via an independent monitoring system. LTE Scope-Stores can also link with various track and trace systems.

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 30 days in the Scope-Store + will greatly improve efficiency and reduce reprocessing costs.

Independently Tested - Scope-Store+ has undergone extensive independent operational and microbiological tests to ensure that it meets the operational and safety requirements of BS EN 16442. Test results are available on request.

10-Scope Vertical Hanging Model
Single Entry



8-Scope Shelf Loaded Model
Single Entry



Scope-Store PT +

The Scope-Store PT+ is the pass-through range of endoscope drying and storage cabinets from LTE Scientific and further enhances the popular Scope-Store+ family of products. They are available as either 5 or 10-scope vertical hanging or 8-scope shelf loaded configurations.

Scope-Store PT+ is designed to be installed through a wall between the clean and dirty areas of endoscope reprocessing suites. The interlocked doors ensure the correct flow of scopes and prevent both doors from being opened at the same time.

As with the single entry variants, Scope-Store PT+ provides enhanced control and traceability and is validated to store endoscopes for up to 30 days.

The self-contained double filtration system delivers HEPA filtered air through the cabinet continually and also feeds 0.2µ filtered air via a compressor to each of the scope positions. These conditions inhibit the growth of such micro-organisms as *Pseudomonas* sp. and *Acinetobacter* sp.

Scope-Store PT+ incorporates the latest in touchscreen technology which allows for unparalleled security and monitoring of scope conditions and cycle status.

Access to the scopes is achieved by an individual PIN or barcode meaning that the system records who loads/unloads each endoscope. Similarly all endoscope ID's are

stored in the control system memory and can be accessed either via an on-screen menu or a barcode scan.

Air-flow conditions are monitored for each endoscope and the end-of-cycle report records average and total air volume delivered through each endoscope.

An intuitive display gives users an easy to understand red/amber/green status for each scope position and clearly indicates any alarm conditions which may occur such as blockages, power outage, maximum storage time exceeded etc.

Endoscopes cannot be unloaded to the 'clean' side unless they have achieved a successful cycle. All models are supplied with touchscreens on both sides plus a printer on the 'unload' or 'clean' side. Cycle data is stored on the internal flash card as standard. As an option, data can be downloaded to a PC or on to a track and trace system.

No-cost options such as opaque door panels or solid doors are available on request.

Scope-Store PT+ (10 - Scope Capacity)
Pass-Through



Technical & Ordering Information

Scope Store + Single Entry Models

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 Dims, HWD, mm	1675 x 665 x 450	1675 x 665 x 450 (per compartment)	1675 x 555 x 515
External Dims, HWD, mm	1925 x 1010 x 535	1925 x 1730 x 535	1925 x 900 x 605
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 Data Archiving	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 PT+ Pass-Through Models

Model	Scope-Store V5 PT+	Scope-Store V10 PT+	Scope-Store S8 PT+
Catalogue No.	ED/SST/2V5	ED/SST/2V10	ED/SST/2S8
Scope Capacity	5	10 (2 compartments)	8
Scope Arrangement	Vertical hangers		Shelf loaded
Internal Dims, HWD,mm	1675 x 665 x 450	1675 x 665 x 510 (per compartment)	1675 x 625 x 515
External Dims, HWD,mm	1925 x 1040 x 620	1925 x 1730 x 675	1925 x 1040 x 675
Hanger Details	Scope holders with pull-out hanging rails		N/A
Shelf Details	N/A	N/A	Slide-out shelves with 'Sterling' anti-bacterial coating. Including stainless steel baskets
Control System	Colour Touchscreen to both sides with individual PIN protection		
Printer	Thermal Printer Included to unloading side		
Internal Data Archiving	Included		
External Fascia Trim	Included		
Internal Lighting	Included		
Glass Door Panel	Included		
Air Delivery System	HEPA filtered air through chamber and internal endoscope channels. Fan and compressor included.		

Popular Options

Part No	Model	Description
ED/RDA/01	+ /PT+	Remote Data Archiving to remote PC (PC not included)
ED/BAR/01	+	Bar code reader plus software (excluding tags)
ED/BAR/02	PT+	2 x Bar code readers plus software (excluding tags)
ED/NET/01	+ /PT+	Scope-Store NET software for linking to external tracking system
ED/TRH/01	+ /PT+	Temperature/RH monitoring with Hi/Lo printout to 5 and 8 Scope models
ED/TRH/02	+ /PT+	Temperature/RH monitoring with Hi/Lo printout to Scope models
ED/PDG/01	+ /PT+	Pressure-drop gauge across main HEPA filter
ED/SNK/01	+ /PT+	Adaptor to prevent longer scopes from touching cabinet base

LTE also provides a wide range of manifold and connector kits which are tailored to suit clients scope lists. Please contact us for further details.

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