

REDUCE ENDOSCOPE DRYING AND STORAGE TO JUST 1–3 MINUTES

PLASMATYPHOON+

POWERED BY **PENTAX** MEDICAL

Boosting endoscope reprocessing
to enhance patient safety
and hospital efficiency



PlasmaTYPHOON™+

The fastest endoscope drying and storage solution on the market. Saving energy consumption and reducing waste while enhancing patient safety and hospital efficiency.



Key benefits at a glance

Enhances hygiene & patient safety
by reducing the risk of infection:

Rapid and thorough drying of all endoscope channels in only 1-3 minutes, depending on endoscope type.

Individual active endoscope storage in the PlasmaBAG™ ECO, maintaining the endoscope's disinfected state for up to 31 days.³⁾

Prevents recontamination and cross-contamination of endoscopes during storage and transport.

Boosts efficiency and traceability of the endoscope reprocessing:

Reduces waiting times between procedures as the fastest drying and storage solution on the market.¹⁾²⁾

Optimizes the workflow in the reprocessing unit¹⁾ due to its easy handling. Its built-in validation and security systems, reduce the risk of human errors.

Provides full traceability for each reprocessed endoscope and connectivity to the hospital network.

Maximizes productivity & sustainability of the endoscope reprocessing unit:

Space-saving storage solution¹⁾ thanks to its small footprint in combination with unlimited storage capacity.¹⁾

Contributes to hospital sustainability by using PlasmaBAG ECO combined with the limited consumption of medical air and electricity.¹⁾

Significantly reduces costs of endoscope drying and storage.¹⁾

PlasmaTYPHOON+

PARAMETERS	VALUES
Power supply/electrical network	100 – 130V 200 – 240V
Frequency	50/60 Hz
Dimensions (L x W x H)	300 x 280 x 260 mm
Net weight	10.7 kg
Pressure of medical air at gas inlet	3 bar
Minimal gas flow rate	60l/min

PlasmaBAG ECO

REFERENCE	DIMENSIONS	PACKAGING
PlasmaBAG ECO	620 x 520 mm	400 pcs
PlasmaBAG ECO XL	700 x 620 mm	250 pcs
PlasmaBAG ECO XXL	840 x 620 mm	300 pcs

PlasmaBAG ECO is a single-use bag specifically designed for endoscope storage up to 31 days³⁾, used with PlasmaTYPHOON or PlasmaTYPHOON+. Carbon emissions from PlasmaBAG ECO production are compensated in a reforestation project in Togo. PlasmaBAG ECO is produced from at least 80% recycled plastic and certified with the Blue Angel.



www.blauer-engel.de/uz30a

PlasmaTYPHOON+ and PlasmaBAG ECO system

ENDOSCOPIC DEVICES	CYCLE TIME Channel Drying	CYCLE TIME Storage
Ureteroscope, cystoscope	1 min	5 s
Bronchoscope, ultrasound bronchoscope (EBUS), nasolaryngoscope	1 min 30 s	5 s
Gastroscope, duodenoscope, enteroscope, colonoscope	2 min 30 s	5 s
Gastrointestinal ultrasound endoscope (EUS), twin channel GI endoscope	3 min	5 s
Endoscopes without channels and transeophageal (TEE/TOE) ultrasound probes	-	5 s

The system is fully compatible with all major endoscope brands.

1) Dr A. Sibley, Independent Evaluation of PlasmaTYPHOON+, Health Innovation Wessex, 2024
2) Dr F. Michael et al., A new drying method of thermolabile flexible endoscope channels by laminar and turbulent airflow – a prospective, randomized-controlled, single-center, proof-of-concept trial, (I):10.14309/ajg.0000000000003093, September 23, 2024
3) Validated for up to 744 storage hours (31 days) according to NF EN 16442 norm. The maximum storage time may be subject to local regulations on endoscope storage.

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