



TY-CARE product range

COMPLETE SYSTEMS


TY-CARE
Catheter length
580 mm

	Code	Size Ch	Packaging	Colour
	444SP01010	10	10 ea/box	Black
	444SP01012	12	10 ea/box	White
	444SP01014	14	10 ea/box	Green
	444SP01016	16	10 ea/box	Orange


With MDI
Catheter length
580 mm

	444SP01110	10	10 ea/box	Black
	444SP01112	12	10 ea/box	White
	444SP01114	14	10 ea/box	Green
	444SP01116	16	10 ea/box	Orange

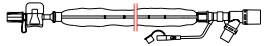
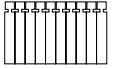
For tracheostomised
patients
Catheter length
365 mm

	444SP01312	12	10 ea/box	White
	444SP01314	14	10 ea/box	Green


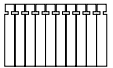
With MDI
for tracheostomised
patients
Catheter length
365 mm

	444SP01512	12	10 ea/box	White
	444SP01514	14	10 ea/box	Green

RESPIFLO™ S PAK
Catheter length
580 mm
+ 10 vials 15 ml each

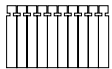
 	444SPA1012	12	10 ea/box	White
	444SPA1014	14	10 ea/box	Green

RESPIFLO™ S PAK
for tracheostomised
patients
Catheter length
365 mm
+ 10 vials 15 ml each

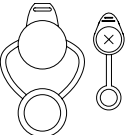
 	444SPA1312	12	10 ea/box	White
	444SPA1314	14	10 ea/box	Green

ACCESSORIES

RESPIFLO™ S
10 saline vials
15 ml each

	Code	Packaging
	444SPA0000	50 ea/box

Self-sealing cap for
bronchoscopy
+ protecting cap for
suction catheter for
TY-CARE exel

	111/1152	25 bags including 2 caps/box
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A COMPLETE
RANGE
FOR ADULTS
TO NEONATES

TY-CARE™ TY-CARE™ exel TY-CARE™ exel Neo/Ped Closed Suction Systems



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CE Marked in compliance with the European Medical Device Directive (MDD 93/42/EEC).
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C-BR-Tycare exel
NeoPed/GB

tyco

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tyco

Healthcare



TY-CARE exel

Closed airway suction system

Repeated endotracheal suctioning performed with conventional disposable catheters involves disconnection of the patient from the ventilator – a procedure which is not without complications and risks.

Especially in patients depending on high PEEP levels or suffering from haemodynamic instability, interruption of ventilation can lead to:

- arterial and mixed venous oxygen desaturation
- loss of lung volume
- alveolar derecruitment in hypoxemic patients
- increase in mean arterial pressure and heart rate

TY-CARE, TY-CARE exel and TY-CARE Neo/Ped are designed to remain part of the breathing system during suctioning without disconnecting ventilatory support and thus maintaining respiratory parameters.

Superior hygiene and protection

Open suctioning exposes both the patient and the hospital staff to the risk of cross-contamination.

TY-CARE, TY-CARE exel and TY-CARE exel Neo/Ped closed suction systems protect patient's airway from environmental pathogens and prevents hospital staff from exposure to aerosolized germs expelled by the patient during open suctioning.

This is particularly important for infective and immunodepressed patients.

TY-CARE, TY-CARE exel and TY-CARE exel Neo/Ped are cost-effective and easy to use allowing one-user suctioning procedures and reducing daily consumption of single use material.

Easy-to-operate

by rotating the valve lid it is possible to lock the device in open or closed position and thus avoid inadvertent activation.

ISO COLOUR CODED

for immediate recognition of the catheter diameter (ISO 8836:1997).

Optimal catheter manipulation

catheter sleeve which combines strength and transparency with tactile sensitivity.

Safe and always in place

tethered cap for vacuum connection closing.

Depth measurement

catheter with all-round depth markings in centimeters that allow easy measurement of proper catheter insertion in the trachea.

LATEX FREE

COMPLETE ISOLATION

rotating patient access valve (available only for TY-CARE exel): it enables the complete isolation of the sleeved suction catheter from the patient's airway when suctioning is not required and maintains a closed system also during bronchoscopy and specimen sampling.

No leakage no contamination

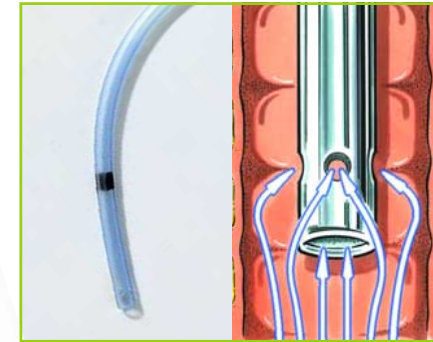
a one way valve in the irrigation port located on the DSE allows lavage and irrigation without leakage of ventilation and secretions.

Superior rinsing efficiency

closed system suction catheters are designed for multiple use on a single patient. The rinsing efficiency of the system is therefore of crucial importance. The unique geometry of the rinsing chamber enables a more effective cleaning of the catheter tip and a higher removal of residual secretions. Only with TY-CARE exel, the suction catheter is fully isolated from the patient's airway and ventilation pressures are not affected by suctioning vacuum during lavages.

ATRAUMATIC DUAL DENSITY SUCTION CATHETER

the flexible, ultrasoft and rounded distal tip of TY-CARE suction catheter reduces possible lesions of the tracheal mucosa, while the firmer proximal portion allows easy manipulation of the suction catheter via the protective sleeve.

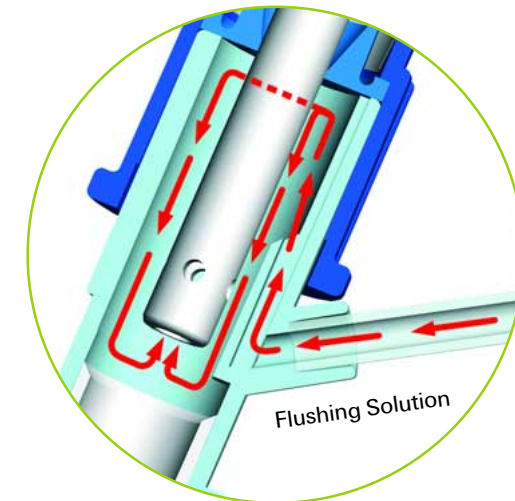


Minimal invagination risks of the tracheal mucosa

the lateral eyes ensure a uniform airflow around the catheter tip and reduce resistance. If one or more of the eyes become occluded whilst coming into contact with the tracheal wall, suction is automatically diverted through the remaining eyes, minimising the risk of invagination of the tracheal mucosa.

Enhanced patient comfort

double swivel elbow (DSE): 360° rotation for patient's comfort and reduced torque. Its unique design offers reduced resistance to ventilation airflow.





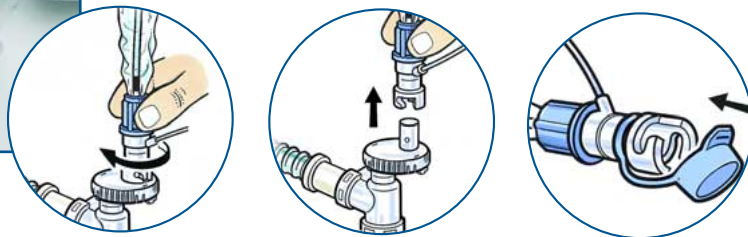
Open position
suction catheter in connection with airway to allow suctioning

Closed position
suction catheter isolated from airway/breathing system

Rotating patient access valve
TY-CARE exel patient access valve enables the complete isolation of the sleeved suction catheter from the patient's airway when suctioning is not required, thus maintaining ventilation and preventing inadvertent lavage. The light-weight and clear components of the access valve allow to clearly identify when the device is in the open/closed position for an increased ease of use.



Replaceable catheter
TY-CARE exel suction catheter can be detached and replaced whilst maintaining a closed circuit without the need to discard the whole system.



Fiberoptic bronchoscopy and mucus sampling in a closed system
thanks to the detachable suction catheter and a sterile self-sealing cap included in the packaging, TY-CARE exel maintains system integrity during procedures such as fiberoptic bronchoscopy and mucus sampling. The self-sealing cap accommodates different sized bronchoscopes (up to 6 mm diameter).

MDI (Metered Dose Inhaler)
for a more effective, quick and convenient drug delivery



RESPIFLO™ S PAK (10 vials 15 ml each)
flushing saline vials included in the kit for ease of use at the time of catheter tip rinsing.



T-piece version (CPAP) (only available with TY-CARE exel)
designed for endotracheal and tracheostomy intubated patients with continuous flow ventilation (CPAP).



Coudé version (only available with TY-CARE exel)
catheter with directional tip for selective bronchial suctioning.



Double lumen version (only with TY-CARE exel)
catheter with additional lumen for saline solution instillation into the trachea to allow a more effective suctioning of dry secretions.



soon available

TY-CARE

LATEX FREE

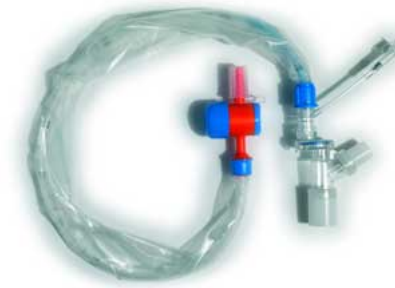
TY-CARE

Tyco closed suction system range also features a more traditional version: TY-CARE. TY-CARE does have most of the TY-CARE exel features except for the rotating patient access valve and detachable catheter. The table on the right summarises the differences.



TY-CARE exel

TY-CARE



Colour coded	✓	✓
Rotating valve	✓	✓
Tethered vacuum cap	✓	✓
Transparent sleeve	✓	✓
All-round depth marking	✓	✓
Atraumatic tip	✓	✓
Double swivel elbow	✓	✓
Rotating patient valve	✓	not available
Detachable catheter	✓	not available
Closed environment bronchoscopy	✓	not available
MDI port	✓	✓
RESPIFLO™ S PAK	✓	✓
Vacuum adapter	✓	✓
Coudé version	✓	not available
T-piece version	✓	not available
Double lumen catheter	available soon	not available
Latex free	✓	✓

TY-CARE exel Neo/Ped

**soon
available**

TY-CARE exel Neo/Ped
TY-CARE exel Neo/Ped system has been developed based on the state-of-the art technology of the adult version (e.g. It features an atraumatic tip with side holes to avoid potential damages from the catheter contact with the trachea). At the same time TY-CARE exel Neo/Ped has additional features specifically designed for neonatal and paediatric patients.



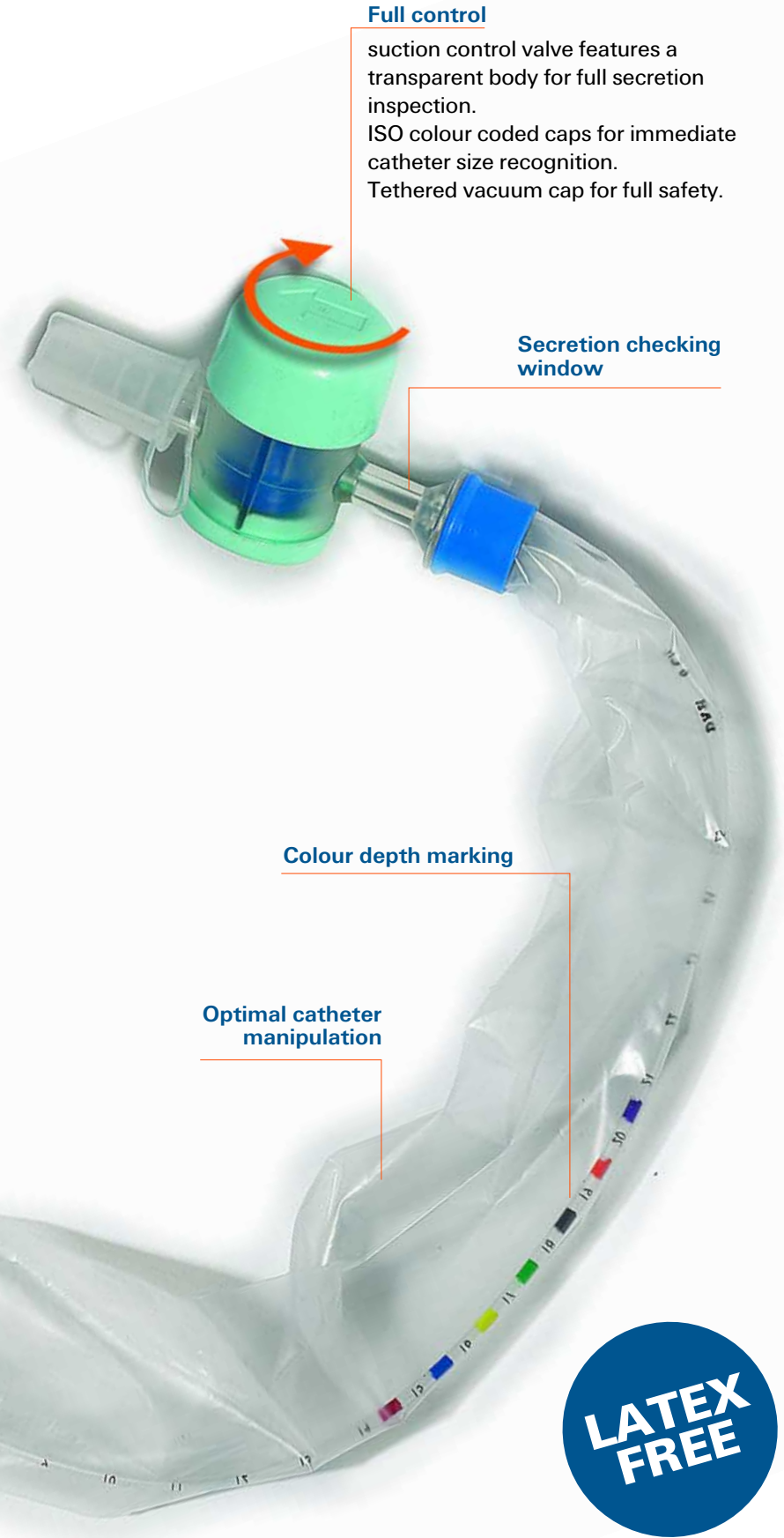
Open position
suction catheter in connection with airway to allow suctioning

Closed position
suction catheter isolated from airway/breathing system

**ATRAUMATIC
DUAL DENSITY
SUCTION CATHETER**



**Superior patient safety
TY-CARE exel Neo/Ped
special rotating valve**
prevents any inadvertent leaking of the flushing solution to the patient whilst rinsing the catheter tip. Once in closed position dead space is minimized and patient fully isolated



Full control
suction control valve features a transparent body for full secretion inspection. ISO colour coded caps for immediate catheter size recognition. Tethered vacuum cap for full safety.

Secretion checking window

Colour depth marking

Optimal catheter manipulation

**LATEX
FREE**

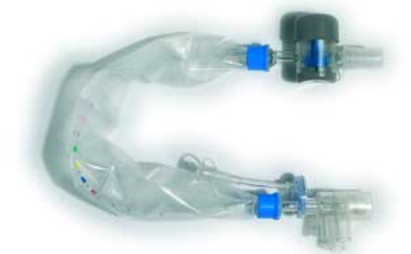
TY-CARE exel Neo/Ped is available in three set-ups



Neonatal/paediatric Y piece



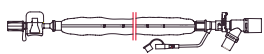

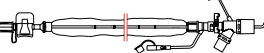
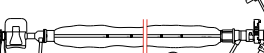
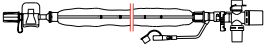
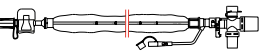
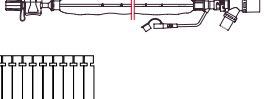


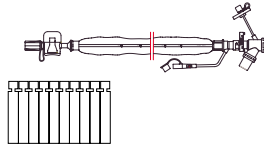

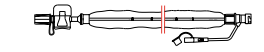
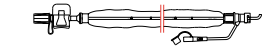

Neonatal/paediatric elbow



Neonatal/paediatric manifold

TY-CARE exel product range

COMPLETE SYSTEMS		Code	Size Ch	Packaging	Colour
TY-CARE exel Catheter length 580 mm		444SP02010	10	10 ea/box	Black
		444SP02012	12	10 ea/box	White
		444SP02014	14	10 ea/box	Green
		444SP02016	16	10 ea/box	Orange
With MDI Catheter length 580 mm		444SP02110	10	10 ea/box	Black
		444SP02112	12	10 ea/box	White
		444SP02114	14	10 ea/box	Green
		444SP02116	16	10 ea/box	Orange
For tracheostomised patients Catheter length 365 mm		444SP02312	12	10 ea/box	White
		444SP02314	14	10 ea/box	Green
With MDI for tracheostomised patients Catheter length 365 mm		444SP02512	12	10 ea/box	White
		444SP02514	14	10 ea/box	Green
Coudè with MDI Catheter length 580 mm		444SP02412	12	10 ea/box	White
		444SP02414	14	10 ea/box	Green
With bilumen catheter with MDI Catheter length 580 mm		444SP04114	14	10 ea/box	Green
		444SP04414	14 Coudè	10 ea/box	Green
T-piece Catheter length 580 mm		444SP03012	12	10 ea/box	White
		444SP03014	14	10 ea/box	Green
T-piece for tracheostomised patients Catheter length 365 mm		444SP03312	12	10 ea/box	White
		444SP03314	14	10 ea/box	Green
RESPIFLO™ S PAK Catheter length 580 mm + 10 vials 15 ml each		444SPA2012	12	10 ea/box	White
		444SPA2014	14	10 ea/box	Green

	Code	Size Ch	Packaging	Colour
	444SPA2312	12	10 ea/box	White
	444SPA2314	14	10 ea/box	Green
	Code	Size Ch	Packaging	Colour
	444SP00010	10	10 ea/box	Black
	444SP00012	12	10 ea/box	White
	444SP00014	14	10 ea/box	Green
	444SP00016	16	10 ea/box	Orange
	444SP00512	12	10 ea/box	White
	444SP00514	14	10 ea/box	Green
	444SP00412	12	10 ea/box	White
	444SP00414	14	10 ea/box	Green
	444SP05014	14	10 ea/box	Green
	444SP05414	14 Coudè	10 ea/box	Green

COMPLETE SYSTEMS

RESPIFLO™ S PAK
for tracheostomised patients
Catheter length
365 mm
+ 10 vials 15 ml each

REPLACEMENT CATHETERS

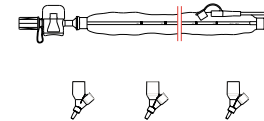
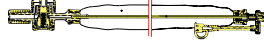
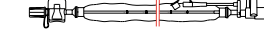
For TY-CARE exel
Catheter length
580 mm

For TY-CARE exel for tracheostomised patients
Catheter length
365 mm

For TY-CARE exel coudè version
Catheter length
580 mm

For TY-CARE exel bilumen
Catheter length
580 mm

TY-CARE exel paediatric and neonatal product range

	Code	Size Ch	Cath. length	Packaging	Colour
	444S02605	5 +2,0/2,5 mm ET adapt	310 mm	10 ea/box	Grey
	444S02606	6 +2,5/3,0/3,5 mm ET adapt	320 mm	10 ea/box	Light Green
	444S02607	7 +3,0/3,5/4,0 mm ET adapt	320 mm	10 ea/box	Purple
	444S02608	8 +3,5/4,0/4,5 mm ET adapt	360 mm	10 ea/box	Blue
	444S02610	10 +4,5/5,0/5,5 mm ET adapt	460 mm	10 ea/box	Black
	444S02706	6	320 mm	10 ea/box	Light Green
	444S02708	8	360 mm	10 ea/box	Blue
	444S02710	10	460 mm	10 ea/box	Black
	444S02805	5	310 mm	10 ea/box	Grey
	444S02806	6	320 mm	10 ea/box	Light Green
	444S02808	8	360 mm	10 ea/box	Blue

COMPLETE SYSTEMS

Paediatric and neonatal Y-piece

Paediatric and neonatal elbow

Paediatric and neonatal manifold