LÖWENSTEIN
medical

PesoCath

The key to esophageal and transpulmonary pressure monitoring

With people in mind

Lung-protective through continuous Peso measurements

Measuring the TPP supplies up-to-date information about the mechanical pressure and volume load of the lungs and enables the ventilation regimen to be consistently adjusted for optimal lung protection.

Talmor D, Fessler H (2010) Are Esophageal Pressure Measurements Important in Clinical Decision-Making in Mechanically Ventilated Patients? Respiratory Care 55: 162-172

Monitoring esophageal pressure aids in identifying and treating causes of ineffectual patient efforts.

Beck J, Sinderby C, Lindström L, Grassino A (1998) Crural diaphragm activation during dynamic contractions at various inspiratory flow rates. J Appl Physiol 85: 451–458

Peso measurements of the work of breathing to quantify the respiratory effort enable the degree of muscle relief under ventilation to be individually adjusted to the patient's needs.

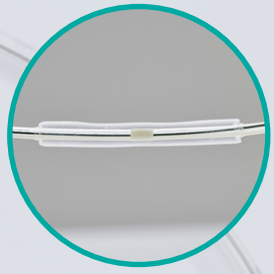
Brochard L (2014) Measurement of esophageal pressure at bedside: pros and cons. Curr Opin Crit Care 20: 39-46

In contrast to PEEPi measurements using a special ventilator manoeuvre, the intrinsic PEEP can be continuously measured in a spontaneously breathing patient with a correctly placed Peso catheter.

Zakynthinos SG, Vassilakopoulos T, Zakynthinos e, et al. (1997) Accurate measurements of intrinsic positive endexpiratory pressure: how to detect and correct for expiratory muscle activity. Eur Respir J 10:522-529

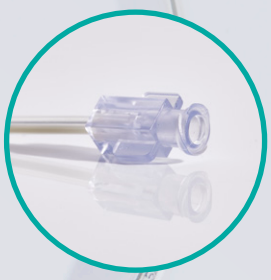
Wire-in-wire system

Easy withdrawal of guide wire through wire-in-wire solution and special coating



Esophageal balloon

The special esophageal balloon enables excellent response to erratic changes in pressure and is designed for the dynamic requirements of transpulmonary pressure measurement



Ventilator interface

Connection for esophageal and transpulmonary pressure monitoring or, depending on position, for gastric pressure

Simply safe in emergency

Direct channel for emergency suctioning, for auscultation and for draining gastric juices

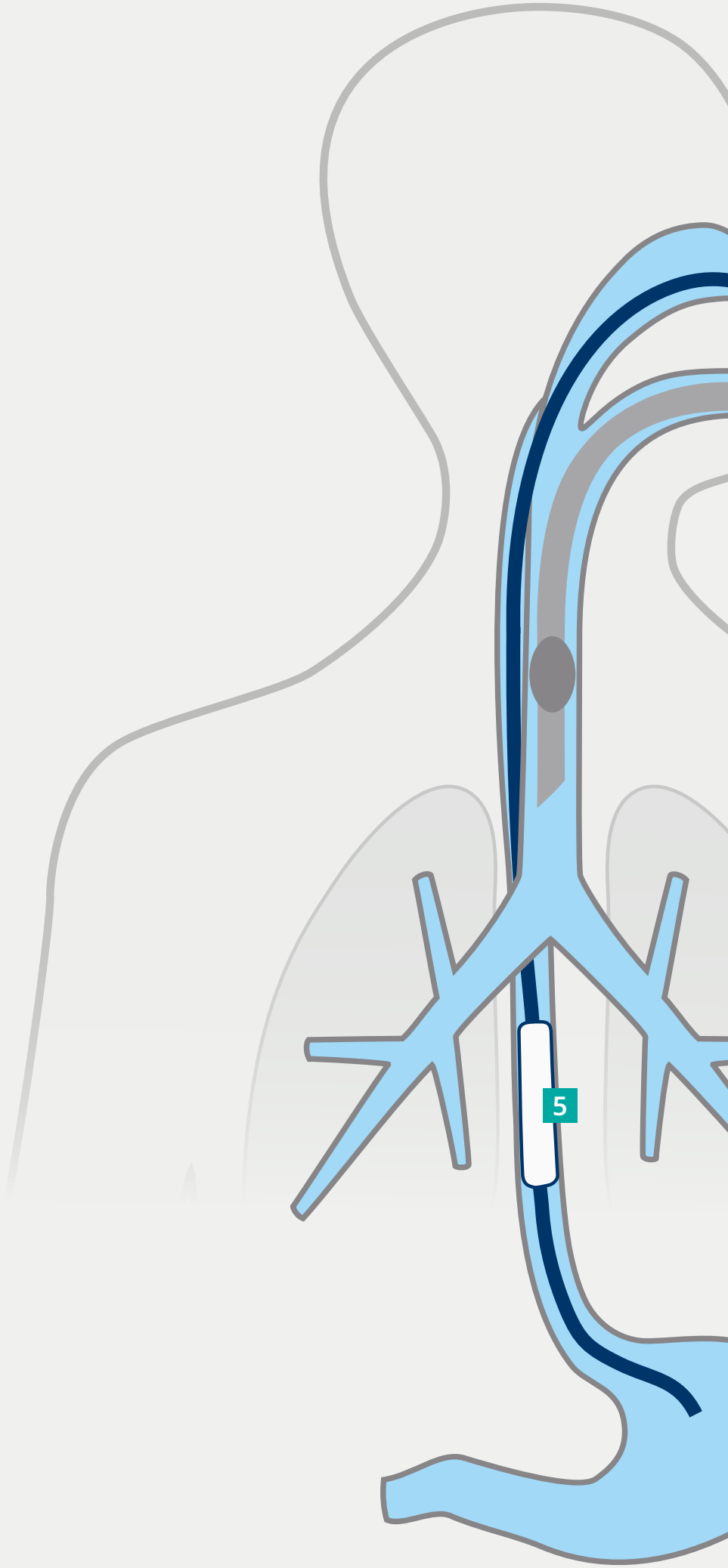
Enteral nutrition, latest standard

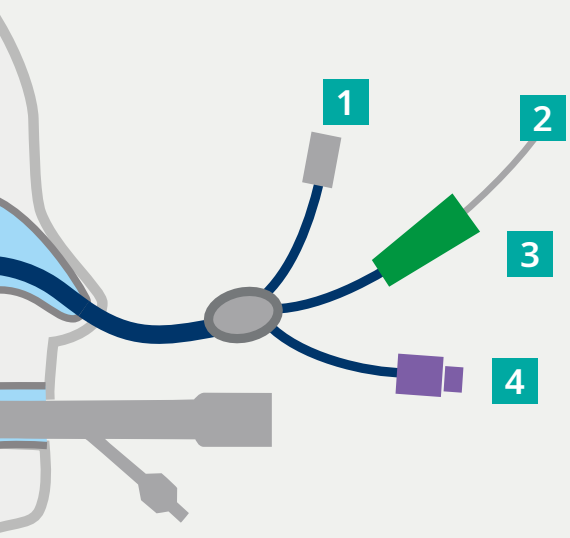
Direct connection to the new standard for connectors according to DIN EN ISO 80369 with practical crown cap

What's what?

PesoCath esophageal catheter with:

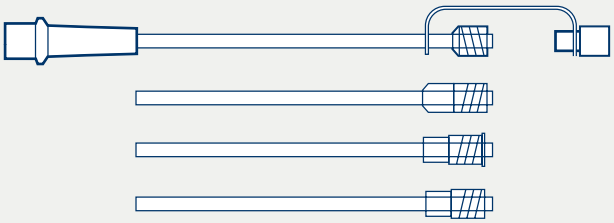
1. Measurement channel
2. Guide wire (wire-in-wire technology)
3. Working channel for inserting the guide wire, for auscultatory confirmation of the position in the stomach and for draining gastric juices
4. Feeding channel with ENFit connector
5. Balloon with centred non-metallic X-ray marker



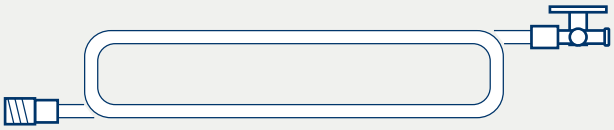


Accessories

Adaptors for additional pressure measurement ports of various intensive care ventilators



Pressure measurement line with three-way stopcock and luer-lock connectors

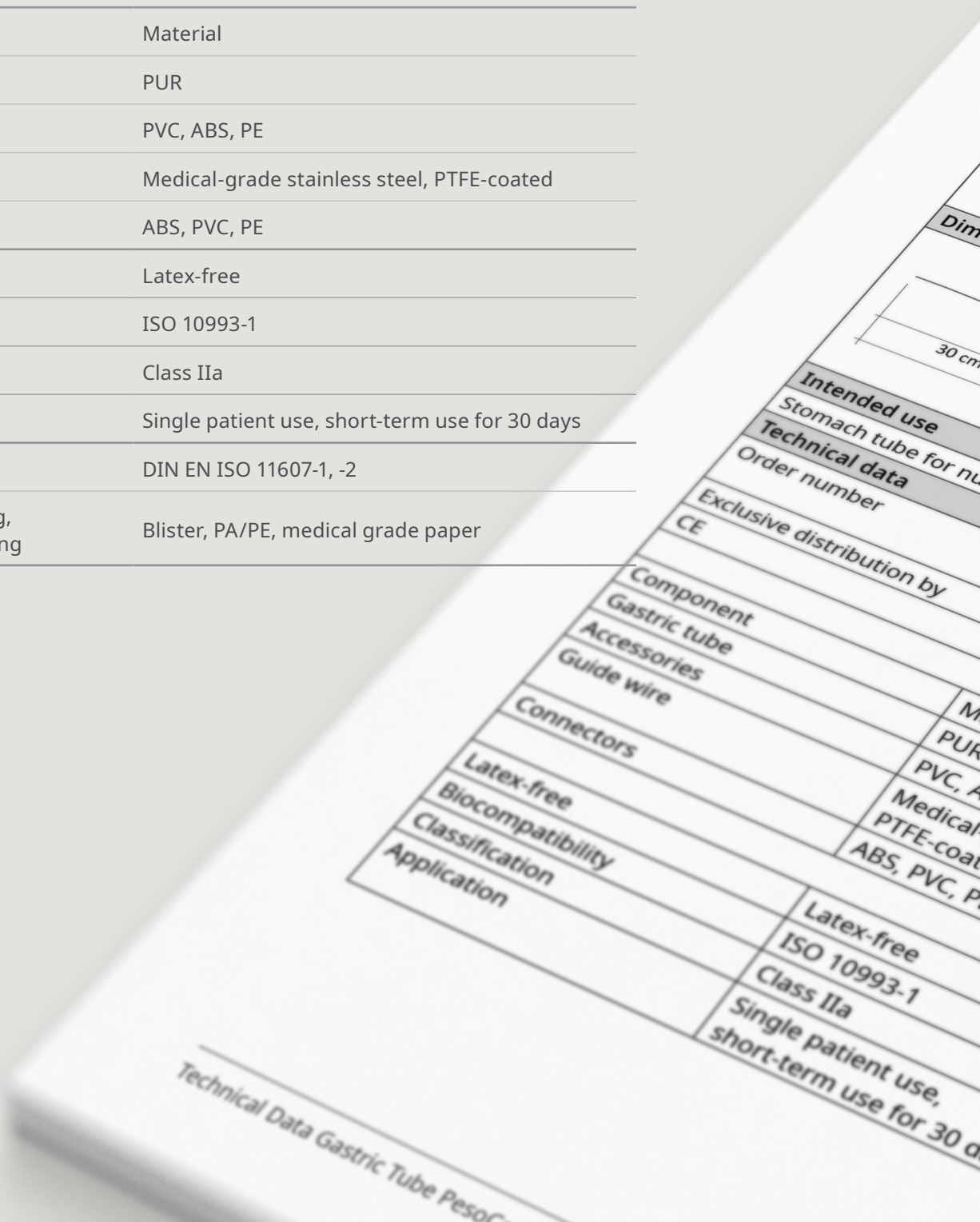


Syringe for balloon inflation

Technical specifications

Technical Data

Order numbers	1 piece: AZ-380230-1 5 pieces: AZ-380230-5
Exclusive distribution by	Löwenstein Medical Innovation
CE	0482
Component	**Material**
Gastric tube	PUR
Accessories	PVC, ABS, PE
Guide wire	Medical-grade stainless steel, PTFE-coated
Connectors	ABS, PVC, PE
Latex-free	Latex-free
Biocompatibility	ISO 10993-1
Classification	Class IIa
Application	Single patient use, short-term use for 30 days
Packaging	DIN EN ISO 11607-1, -2
Sterile packaging, primary packaging	Blister, PA/PE, medical grade paper

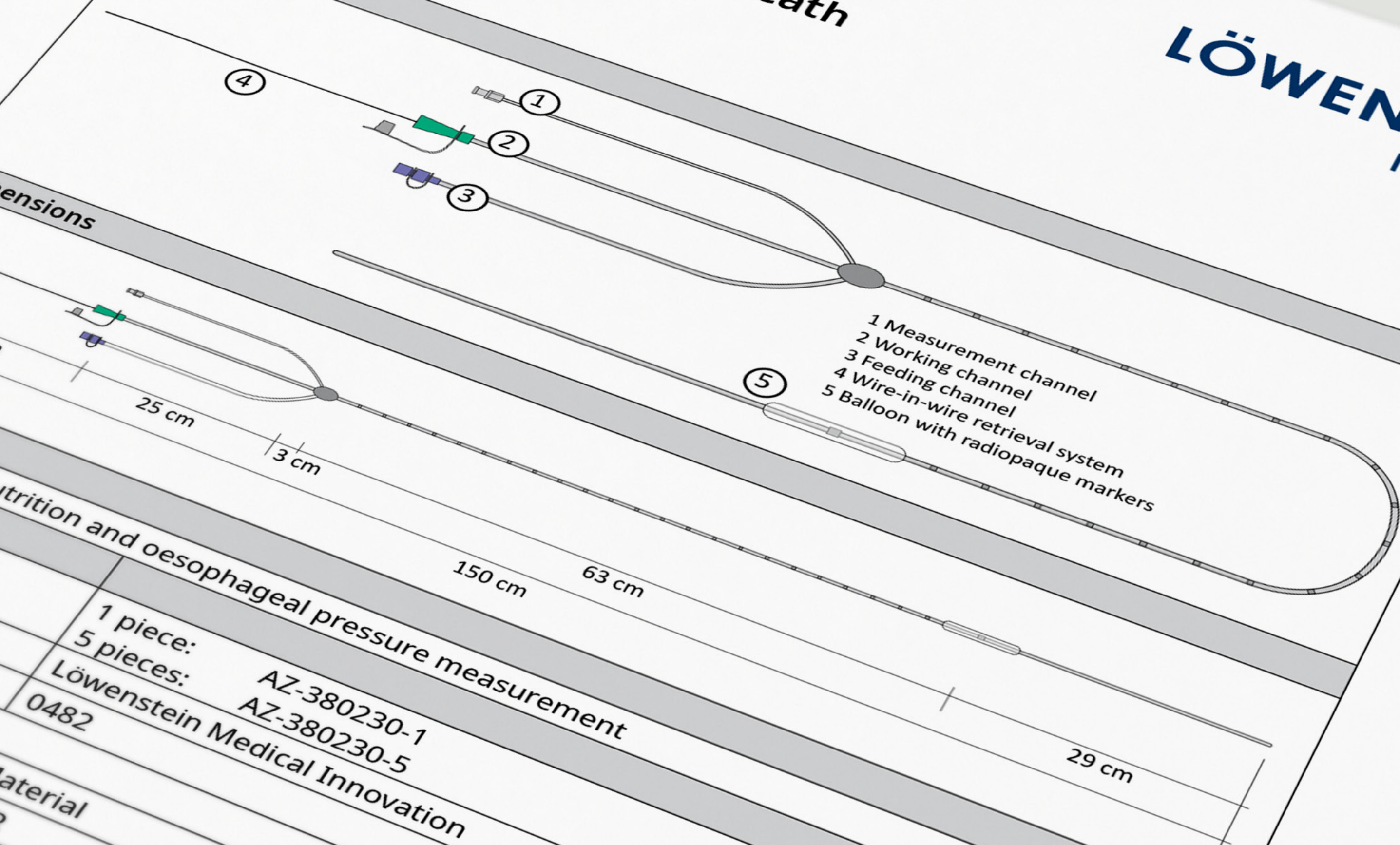


Esophageal catheter PesoCath

1 piece: AZ-380230-1
5 pieces: AZ-380230-5

Illustration

ensions



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	1 piece: AZ-380230-1 5 pieces: AZ-380230-5
	Löwenstein Medical Innovation
	0482

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ABS, PE

-grade stainless steel,
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made in GERMANY

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With people in mind

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