



PHILIPS

Capnography

Sampling lines

Patient comfort is a priority

Introducing Philips
Microstream™ Advance
Sampling Line portfolio

We know it's the little things that create the biggest impact for your patients – and for you. From how a device touches their skin to the smells that remind them they are away from home.

That was the motivation for redesigning the capnography sampling lines. They still have the reliability and accuracy you've come to expect from Microstream™ technology — but with an improved scent and soft, kink-resistant tubing.

Because when patients are comfortable, you're comfortable.



Tubing enhances the comfort of the sampling line on the patient's face. The scent of the plastic has also been modified to help with patient experience. Additionally, the drying element on extended duration sampling lines has been moved further down the tubing and away from the patient's face. The placement maintains the integrity and trusted drying performance of the extended duration sampling lines.

Additional enhancements include kink-resistant O₂ tubing, and instructions for proper placement.

Microstream™ Advance capnography sampling lines at a glance

Sampling line portfolio

Microstream™ Advance filter lines are ideal for use with Philips multiparameter monitors equipped with Microstream™ technology:

- Microstream™ CO₂ extension (862393, 865377)
- IntelliVue MP5 portable patient monitor (865024) and MP5SC spot check patient monitor (865322)
- SureSigns VM8 bedside patient monitor and (863066) VM1 vital signs monitor (863266)
- Efficia CM10 (863301), CM12 (863303), CM100 (863300), CM120 (863302) and CM150 (863304) patient monitors

Short specifications

- Single patient use only.
- All Microstream™ Advance filter lines are DEHP-free.
- Adult/pediatric products are intended for use with ETT tube size > 4.5 mm. The adapter dead space is < 6.6 cc and the weight is 7.0 g.
- Infant/neonate products are intended for use with ETT tube size ≤ 4.5 mm. The adapter dead space is < 0.5 cc and the weight is 3.8 g.
- All lines are MRI compatible except 989803204301, 989803204311, 989803204331, 989803204341, 989803204381, 989803204391, 989803204401, 989803204411, 989803204421, 989803204431, 989803204521, 989803204531, 989803204581, 989803204591, 989803204621, 989803204631.

Microstream™ Advance filter lines are available in different configurations: All have connectors with a single twist, for a tight seal to the monitor

- Orange connectors designate short term use
- Yellow connectors designate use for extended duration



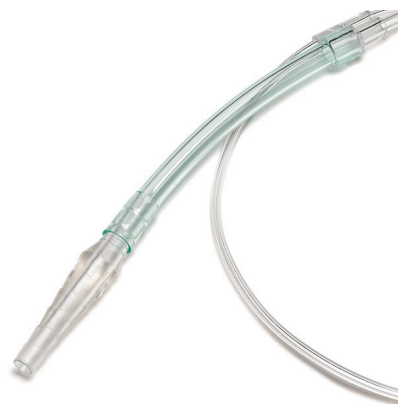
Short term use



Extended duration

Some lines have an oxygen connectors:

- Male
- Female



Male



Female

Microstream™ Advance sampling lines

Non-intubated patient, short term use: procedure/emergency



Ordering code	Description		Packaging	CE	FDA
989803204571	Oral/nasal sampling line; samples from both the mouth and the nose; integrated O ₂ tubing for supplemental oxygen delivery	Adult; O ₂ male connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204371		Adult; O ₂ male connector; long: 4 m (13 ft)	25 per box	•	•
989803204551		Adult; O ₂ tubing female connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204361		Adult; O ₂ tubing female connector; long: 4 m (13 ft)	25 per box	•	•
989803204561	Oral/nasal sampling line; samples from both the mouth and the nose; available with or without O ₂ delivery	Pediatric; no O ₂ delivery; standard: 2 m (6.5 ft) no O ₂ delivery; standard: 2 m (6.5 ft)	25 per box	•	•
989803204541		Pediatric; O ₂ tubing female connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204351		Pediatric; O ₂ tubing female connector; long: 4 m (13 ft)	25 per box	•	•
989803204481	Nasal sampling line; nasal sampling only; integrated O ₂ tubing for supplemental oxygen delivery	Adult; O ₂ tubing female connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204491		Adult; O ₂ tubing female connector; long: 4 m (13 ft)	25 per box	•	•
989803204501		Pediatric; O ₂ tubing female connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204611	Nasal sampling line; nasal sampling only; no O ₂ delivery	Adult; standard: 2 m (6.5 ft)	25 per box	•	•
989803204441		Infant/neonate; standard: 2 m (6.5 ft)	25 per box	•	•
989803204601		Pediatric; standard: 2 m (6.5 ft)	25 per box	•	•
989803204451	60fr bite block sampling line; samples from both the mouth and the nose; integrated O ₂ tubing for supplemental oxygen delivery; O ₂ delivery system can administer oxygen flow up to 10 L/min	O ₂ male connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204461		O ₂ tubing female connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204471		O ₂ tubing female connector; long: 4 m (13 ft)	25 per box	•	•

Microstream™ Advance sampling lines

**Intubated patient,
short term use: procedure/emergency**



Ordering code	Description		Packaging	CE	FDA
989803204511	Intubated sampling line; for use with ETT size > 4.5 mm	Adult/pediatric; standard: 2 m (6.5 ft)	25 per box	•	•
989803204321		Adult/pediatric; long: 4 m (13 ft)	25 per box	•	•

Microstream™ Advance sampling lines

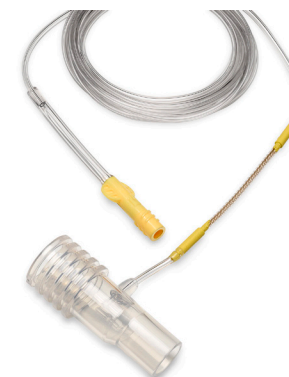
Non-intubated patient, extended duration



Ordering code	Description		Packaging	CE	FDA
989803204381	Oral/nasal sampling line; samples from both the mouth and the nose; drier moisture reduction technology; integrated O ₂ tubing for supplemental oxygen delivery	Adult; O ₂ tubing female connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204391		Adult; O ₂ tubing female connector; long: 4 m (13 ft)	25 per box	•	•
989803204401	Oral/nasal sampling line; samples from both the mouth and the nose; drier moisture reduction technology; integrated O ₂ tubing for supplemental oxygen delivery	Pediatric; O ₂ tubing female connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204411		Pediatric; O ₂ tubing female connector; long: 4 m (13 ft)	25 per box	•	•
989803204621	Nasal sampling line; nasal sampling only; drier moisture reduction technology; integrated O ₂ tubing for supplemental oxygen delivery available	Adult; no O ₂ delivery; standard: 2 m (6.5 ft)	25 per box	•	•
989803204581		Adult; O ₂ tubing female connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204591		Pediatric; O ₂ tubing female connector; standard: 2 m (6.5 ft)	25 per box	•	•
989803204631		Neonatal/infant; no O ₂ delivery; standard: 2 m (6.5 ft)	25 per box	•	•
989803204421		Neonatal/infant; O ₂ tubing female connector; medium: 3 m (9.8 ft)	25 per box	•	•
989803204431		Neonatal/infant; no O ₂ delivery; long: 4 m (13 ft)	25 per box	•	•

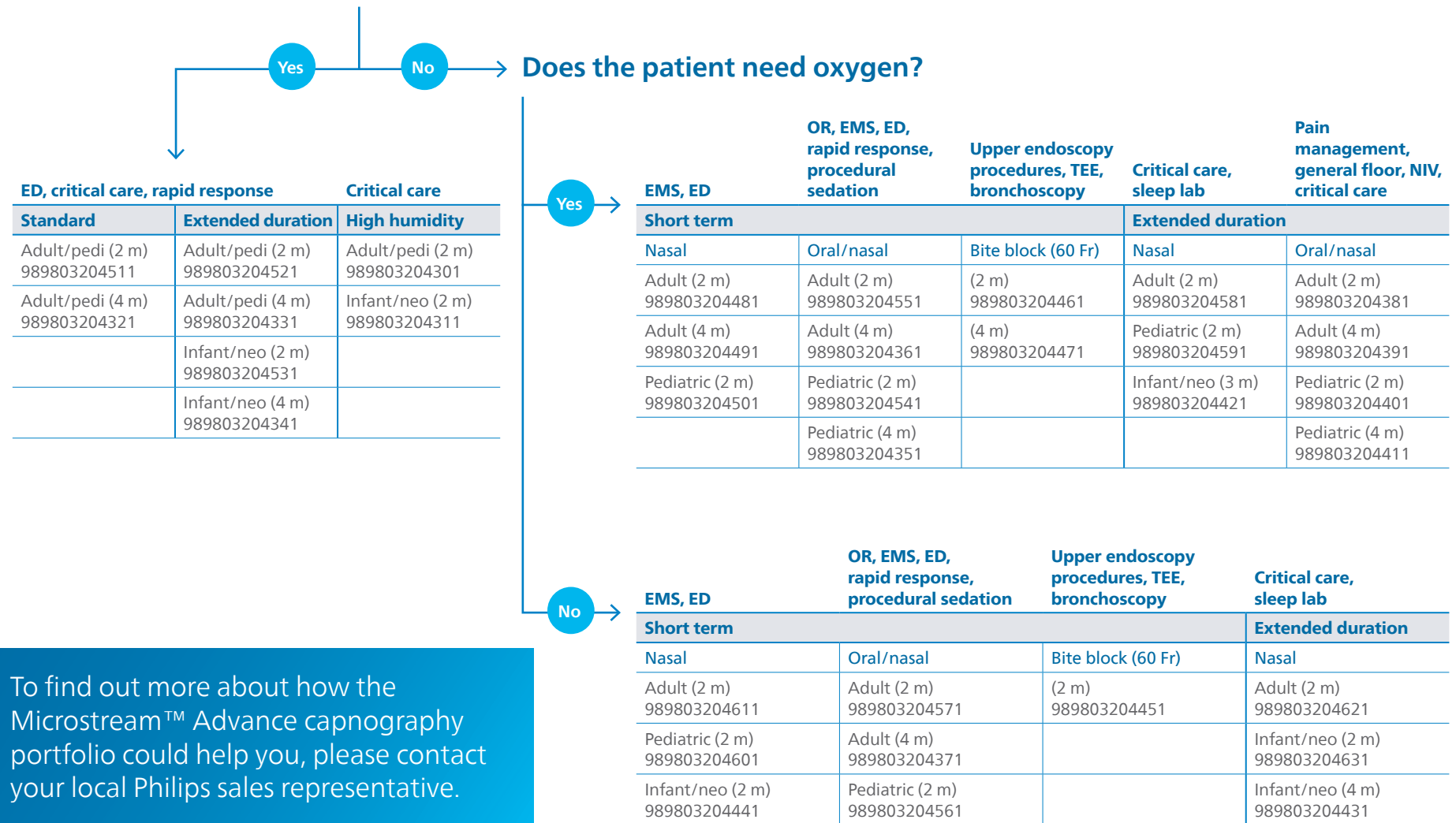
Microstream™ Advance sampling lines

Intubated patient, extended duration



Ordering code	Description		Packaging	CE	FDA
989803204521	Intubated sampling line; for use with ETT > 4.5 mm; drier moisture reduction technology	Adult/pediatric; standard: 2 m (6.5 ft)	25 per box	•	•
989803204331		Adult/pediatric; long: 4 m (13 ft)	25 per box	•	•
989803204531	Intubated sampling line; for use with ETT ≤ 4.5 mm; drier moisture reduction technology	Neonatal/infant; standard: 2 m (6.5 ft)	25 per box	•	•
989803204341		Neonatal/infant; long: 4 m (13 ft)	25 per box	•	•
989803204301	Intubated sampling line; for use with ETT > 4.5 mm; longer drier moisture reduction technology for high ambient humidity	Adult/pediatric; standard: 2 m (6.5 ft)	25 per box	•	•
989803204311	Intubated sampling line; for use with ETT ≤ 4.5 mm; longer drier moisture reduction technology for high ambient humidity	Neonatal/infant; standard: 2 m (6.5 ft)	25 per box	•	•

Is the patient intubated?



To find out more about how the Microstream™ Advance capnography portfolio could help you, please contact your local Philips sales representative.

