

AMPTS® features comparison

	AMPTS® III	AMPTS® II
Measurement cells	Measurement cells in enclosed chambers that are easy to replace and interchange	All measurement cells in the same open container. Not possible to change them without opening up the detection unit.
Number of channels	18 and 9 (Light)	15 and 6 (Light)
Measurement resolution	2 ml and 9 ml	9 ml
Measurable gas types	Both water soluble and insoluble gases (e.g. total biogas, CO₂, CH₄)	Only gases with low solubility in water (e.g. CH ₄)
Electronic hardware	New electronic hardware with significantly better performance and more functionalities	Hardware with more limited storage and processing capacity
Volume detection capacity	130 000 Liter	900 Liter
Display	OLED display	No display
Software	Aurora™ an embedded software that is accessed via web browser on any device. With new design and more advanced features, e.g. start and stop all channels, zoom in graphs, flexible gas normalisation, control agitation in phases, download raw data etc.	Embedded software that is accessed via web browser on any device.
Reactor sizes	1 Liter in standard version with the option to choose 0.5 Liter. Light version with 2 Liters	0.5 Liter in standard version and 2 Liters for Light version
Tubing	Polyurethane tubing that is strong, durable and has low gas permeability	Tygon E3603 tubing
Accessories	Various accessories are included for better tube management and easier operation	Limited number of accessories
Electronic level control	Accelerometer indicate horizontal position of the detection unit	No electronic level control