stakpure Omnia – the matching system for every type of pure and ultrapure water

	Ultrapure water Specialist Type I, when low concentrations of organically bound carbon (TOC) are important.		**Pure (type II) and ultrapure water type I** All-rounder, flexible for both type II and type I water requirements				**Pure water type II** "Laboratory water" or also called "DI water" for the complete basic supply in the laboratory			**Pure water type III** Reverse osmosis or "RO Water"	**Pure water CLRW** Analyzer supply
											
	OmniaPure *xs*^{touch} the intuitive ultrapure water specialist	**OmniaPure *xs*^{basic}** the practical ultrapure water specialist	**OmniaTap *xs*^{touch}** the intuitive allrounder	**OmniaTap *xs*^{basic}** the practical allrounder	**OmniaTap** (type I + II) the powerful allrounder	**OmniaLab^{ED+}** the large allrounder	**OmniaTap II** (type II) the compact one for pure water	**OmniaLab^{ED}** the efficient one for pure water	**OmniaLab^{UP}** the reliable one for pure water	**OmniaLab^{RO}** the efficient one for consistently large pure water volumes	**OmniaLab^{DS}** the safe one for large quantities of pure water
Typical applications	• AAS (Atomic absorption spectroscopy) • IC (Ion chromatography) • ICP (Inductively coupled spectroscopy) • ICP-MS (Inductively coupled plasma mass spectrometry) • HPLC (High performance liquid chromatography) • HPLC + (ultra trace analysis) • Electrochemistry and electrophoresis • TOC analysis • Molecular and microbiology • Cell culture media		• AAS (Atomic absorption spectroscopy) • IC (Ion chromatography) • ICP (Inductively coupled spectroscopy) • ICP-MS (Inductively coupled plasma mass spectrometry) • HPLC (High performance liquid chromatography) • HPLC + (ultra trace analysis) • Electrochemistry and electrophoresis • TOC analysis • Molecular and microbiology • Cell culture media			• Reagent preparation + sample dilution • Buffer and media preparation • Photometry + Spectrophotometry • RIA (radio immunoassay) • ELISA (enzyme-linked immunosorbent assay) • Pathology + Histology • General chemistry • Feeding of ultrapure water systems: - Laboratory dishwashers - Autoclaves + sterilisers			Pure water for less critical applications: Buffer preparation, washing/rinsing, autoclave feed, general chemistry, hydroponics, steam generators, environmental chambers, feeding of type I purified water systems	Feeding of analysers
Performance											
Withdrawal capacity [l/min.]	up to 2	up to 2	up to 2	up to 2	up to 2	up to 2	up to 2	up to 2	up to 2	up to 2	up to 2
Ultrapure/pure water capacity at 15 °C [l/h]	–	–	8	5	12 / 20	20 / 40	12 / 20	20 / 40	20 / 40	20 / 40 / 60	20 / 40 / 60
Litres / day recommended	20–100	20–100	< 50	< 30	< 80	50–200	< 80	50–200	50–200	50–400	50–400
Storage tank litres	–	–	7	7	10 / 30 / 60	100	10 / 30 / 60	100	100	100	100
Flexible installation											
Dispenser separate from production unit	optional	optional	optional	–	–	–	–	–	–	–	–
Tank separate from production unit	–	–	–	–	optional	optional	optional	optional	optional	optional	optional
Wall mounting	optional	optional	optional	optional	optional	–	optional	–	–	–	–
Area efficient – fits on A4 sheet	✓	✓	✓ **	✓ **	–	–	–	–	–	–	–
Operation											
Intuitive touch display	✓	–	✓	–	–	–	–	–	–	–	–
USB interface	✓	–	✓	–	–	–	–	–	–	–	–
Practical one-hand dispenser	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Individually adjustable volume dosing	✓	optional	✓	optional	optional	optional	optional	optional	optional	optional	optional
Simple filter change	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Equipment											
UV-lamp	✓	optional	✓	optional	optional	optional	optional	optional	optional	optional	optional
TOC monitoring	✓	–	✓	–	–	–	–	–	–	–	–
Backwashable ultrafilter	optional	–	optional	–	optional	–	–	–	–	–	–
Leakage sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated pressure reducer	✓	✓	–	–	–	–	–	–	–	–	–

DM demineralised water SW softened water DW drinking water

* depending on feed water quality

** Depth greater due to integrated backpack tank