

Water Technology & Remote Dispensers

TYPE I

Ultrapure Water

TYPE II

Pure Water

TYPE III

Osmotised Water

CLRW

Clinical Type II



Benchtop Basic

Low consumption purified water up to 50L/day

Models	Water	Output
Micromatic	TYPE II	2.5L/h
Ecomatic	TYPE II TYPE III	3–10L/h
Ultramatic GR	TYPE I	1.1L/min



Benchtop Plus

Broader purified water up to 300L/day

Models	Water	Output
Autwomatic Plus	TYPE II TYPE III	3–10L/h
Autwomatic Plus – EDI	TYPE II	3–40 L/h
Autwomatic Plus 1+2	TYPE I TYPE II TYPE III	3–10L/h
Autwomatic Plus 1+2 EDI	TYPE I TYPE II	3–40L/h
Autwomatic Plus RO	TYPE III	3–40L/h
Ultramatic Plus	TYPE I	<2L/min



Clinical

CLRW Type II water for diagnostic analysers 10–400L/h

Models	Water	Output
Autwomatic Plus Clinical – EDI	CLRW	10–40L/h
Clinical 60–150	CLRW	60–150L/h
Clinical 200–400	CLRW	200–400L/h



High Production

Process water & centralised loops 60–400L/h

Models	Water	Output
Process 60–150	TYPE II	60–150L/h
Process RO 60–150	TYPE III	60–150L/h
Process 200–400	TYPE II	200–400L/h
Process RO 200–400	TYPE III	200–400L/h

Laboratories

BASIC RANGE



TYPE II

Micromatic
2.5L/h. 25L HDPE feed tank included



TYPE II OSMOTISED

Ecomatic
3, 5, 10L/h. Osmotised water pressurised tank



TYPE I

Ultramatic GR
1.1L/min. Ultrapure from Type II or Osmotised

PLUS RANGE



TYPE II OSMOTISED

Automatic Plus
3, 5, 10L/h. Optional UV + 0.22µm final filter



TYPE I TYPE II OSMOTISED

Automatic Plus 1+2
3, 5, 10L/h. 3 water qualities from tap



OSMOTISED

Automatic Plus RO
3, 5, 10, 20, 40L/h. Optional UV + 0.22µm final filter



TYPE I

Ultramatic Plus
<2L/min. Ultrapure from Type II. GR & GRUF versions



TYPE II EDI TECH

Automatic Plus - EDI
3, 5, 10, 20, 40L/h. 10–15 MΩ·cm resistivity. TOC <30ppb; bacterial count <0.01cfu/ml



TYPE I TYPE II EDI TECH

Automatic Plus 1+2 EDI
3, 5, 10, 20, 40L/h. Type I dispensing <2 L/min & Type II dispensing <1.1 L/min

Plus Range Features



Colour touchscreen, glove-compatible interaction; manual, volumetric, time based dispensing



Automatic sanitisation; USB data storage & export



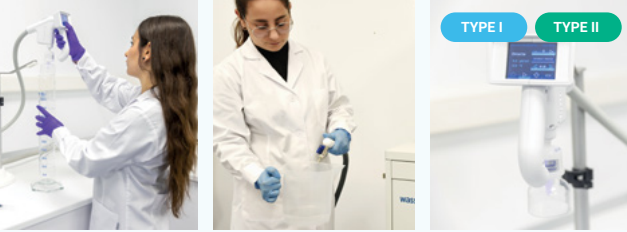
RT parameters & alarms, optional mobile notifications; up to 4 remote dispensers



Benchtop or wall solutions; furniture integration; automatic feed to washers or autoclaves



Pressurised Tanks
Sealed to prevent contamination



Remote Dispensers
Benchtop or wall, with up to 4 dispensers

Clinical Analyser Feed

CLRW TYPE II



Automatic Plus Clinical – EDI
10, 20, 40L/h. EDI. 25L atmospheric tank for 10L/h, 20L/h; 50L for 40L/h. Supply flow up to 2.5L/min



Clinical 60–150
60, 90, 120, 150L/h · 60–150L/h. Compact with integrated 150L tank. 2.5L/min supply flow. 30–40% reject-water recovery



Clinical 200–400
200L/h. 400L/h · High production. Customised installation. Safety bypass for analyser continuity



CLRW
Clinical Laboratory Reagent Water compliant with CLSI standards



Published Quality
Conductivity <1µS/cm · TOC <30ppb · bacterial count ≤0.01cfu/ml · dissolved silica <0.05mg/L



Continuity
Safety deionisation function maintains analyser supply if main system is unavailable

HIGH PRODUCTION & PROCESS WATER



TYPE II

Process 60-150
60, 90, 120, 150L/h. Integrated 150L tank. <1µS/cm conductivity TOC <30ppb, bacterial count ≤0.01cfu/ml & dissolved silica <0.05mg/L



OSMOTISED

Process RO 60-150
60, 90, 120, 150L/h. Integrated 150L tank. 97–99% ionic rejection of tap water. 30–40% reject-water recovery



TYPE II

Process 200-400
200, 400L/h for process water. Atmospheric conical bottom tank; installation designed to requirements



OSMOTISED

Process RO 200-400
200, 400L/h RO system for distribution-loop supply. 30–40% reject-water recovery



Centralised Distribution
Process / Process RO can supply purified water to individual laboratories or groups through distribution loops. Design, sizing, construction & assembly of the loop available



Process Industries
Cosmetics, chemical, food, energy, test chambers, greenhouse, hydrogen generators & related



Find the right water system for your application

WasserLAB
Water Purification Systems

TYPE I Ultrapure Water

TYPE II Pure Water

TYPE III Osmotised Water

CLRW Clinical Type II

Typical Applications			
Atomic absorption / ICP	Culture media preparation	Autoclave feed	Automatic feed for clinical diagnostic analysers, with back-up deionisation module for supply continuity.
HPLC / GC-MS	Reagent / buffer preparation	Glassware washer feeding	
Ion chromatography	RIA / ELISA	Cleaning lab equipment	
Nanotechnology	AA Flame	Feeding fermenters	
TOC analysis	Spectrophotometry	Feeding bioreactors	
Trace analysis	Environmental	Food thermal disinfection	
DNA sequencing	Autoclave feeding	Type I (Ultra Pure Water) system feeding	
PCR / Molecular Biology	Protein Electrophoresis	Glassware rinsing & washing	
Monoclonal antibody production	Radioimmunoassay	Waterbaths	
Models			
Ultramatic GR,	Micromatic	Ecomatic	Autwomatic Plus Clinical EDI
Ultramatic Plus (DI/GR/GRUF)	Ecomatic	Autwomatic Plus	Clinical 60–150
Autwomatic Plus 1+2	Autwomatic Plus,	Autwomatic Plus RO	Clinical 200–400
Autwomatic Plus 1+2 EDI	Autwomatic Plus EDI	Autwomatic Plus 1+2	
	Autwomatic Plus 1+2	Process RO 60–150	
	Autwomatic Plus 1+2 EDI	Process RO 200–400	
	Process 60–150		
	Process 200–400		

Process / Process RO systems supply centralised distribution loops & industrial process water at Type II or Osmotised quality

System Selection Guide					
Q1	How much Type II water per day, and is Osmotised water needed?	→	Low volume	→	Micromatic / Ecomatic
Q2	What's the application, TOC target and is a Type II / Osmotised feed available?	→	Type I for analysis	→	Ultramatic GR / Ultramatic Plus
Q3	What production volume & is cartridge-based or EDI regeneration preferred?	→	Type II only (higher volume)	→	Autwomatic Plus / Plus EDI
Q4	What quality, daily volume & storage / automation is required?	→	Type II + Osmotised	→	Autwomatic Plus / Plus RO
Q5	Is EDI needed, what production rate, how many dispensing points?	→	Type I + Type II	→	Autwomatic Plus 1+2 / 1+2 EDI
Q6	What analyser flow, redundancy & storage is needed?	→	Clinical analyser feed	→	Autwomatic Plus Clinical EDI / Clinical 60–400
Q7	What's peak demand, loop design, tank size, site utilities?	→	Centralised / process water	→	Process / Process RO
Q8	What benchtop / wall footprint & tank size (10–150L) fits?	→	Limited bench space / wall mounted	→	Micromatic, Ecomatic or Plus, Remote Dispensers
Q9	How many outlets, what distances, elevation, full loop design needed?	→	Multiple points / distance apart	→	Remote Dispensers or Process / Process RO with distribution loop



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Type I / II / III classified per ASTM D1193. CLRW (Clinical Reagent Water) classified per CLSI standards. Customised solutions, training, technical support, calibration, IQ/OQ, maintenance & service available. Daily volume range are indicative only. Consumption for the selected model is confirmed at time of quote. Customers are responsible to ensure chosen system is suitable for their applications & requirements. Images displayed are for visual purposes & may vary from the actual product.

Let's talk about
your water
purification
system needs

