

ELECTRON

HIGH-TECH DOUBLE SKIN
GLASS & DISHWASHERS

DIHR
we mean clean

ELECTRON



Last generation uncompromising DIHR dishwashers. These machines are built with fully double-skin body, completely deep-formed, designed for being silent and reliable. Beside the standard electronic versions with four programmable cycles, we have developed the PLUS models with guaranteed steady rinse temperature and pressure and two cycles with Hygiene+ superior features (ELECTRON 500).

Thanks to these latest technological features, the sturdy Plus versions will promote the almost total elimination of the bacterial load. The customization of our new generation machines has never been so easy!

HYGIENE+ SYSTEM

The Hygiene+ models perform long cycles at high temperatures to fulfill high levels of hygiene, now more essential than ever for our health. Designed and conceived upon rigorous disinfection parameters, the Hygiene+ models include 2 special cycles complying with A_0=30 on the scale of thermo-disinfection according to the norm EN ISO 15883-1, a short one program of 180 seconds and a longer one of 630 seconds, ensuring compliance with high levels of hygiene thanks to high temperatures and long cycles.



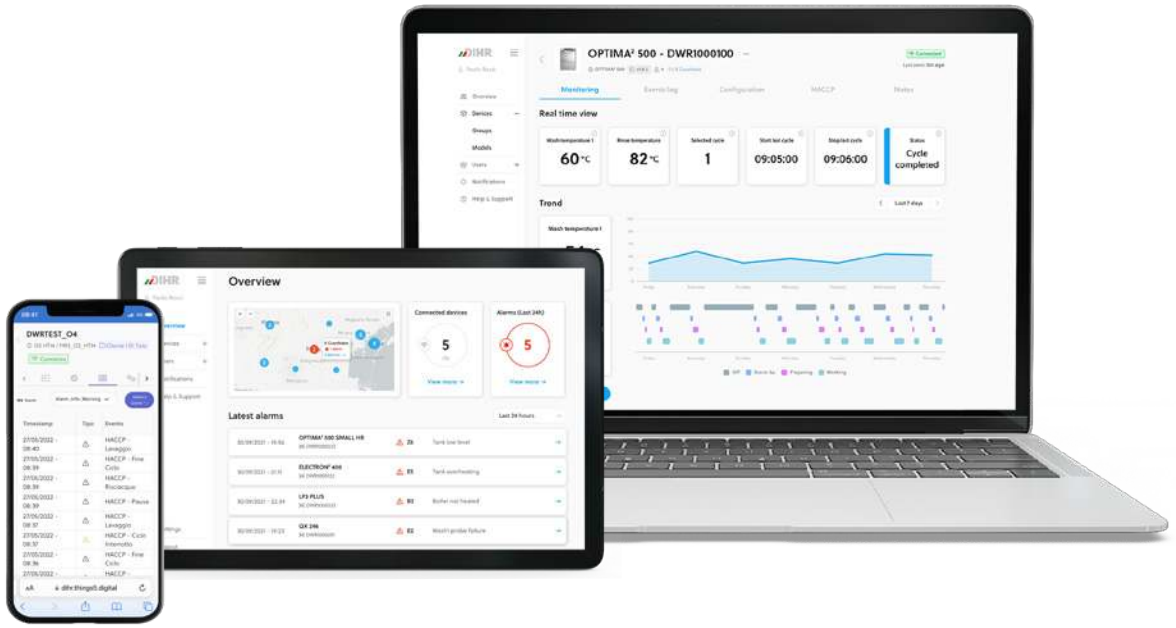
FEATURES

- Double skin AISI 304 machine and double skin insulated door
- Sloped deep-formed tank
- Wash arms in stainless steel with unblockable nozzles and lightweight rinse arms in composite material
- Deep-formed rack supports
- Anti-drop roof panel
- Suitable for Gastronorm 1/1 trays
- Multivoltage models
- Detergent and rinse-aid dosage setting, directly from the control panel (PLUS models)
- Wash and rinse temperatures displayed
- Anti back-flow valve available also DVGW or WRAS certified)
- Double tight-mesh filter system in stainless steel
- Programmable wash cycles (not on ELECTRON 1000 plus)
- HYGIENE+ Version: 2 special additional programs complying with A_0=30 according to the norm EN ISO 15883-1
- Intuitive START button with multicolour backlight for a quick visualization of the machine status
- Self-cleaning cycle
- Soft Start wash pump
- Thermal insulation of boiler
- Soft door opening and programmable START function when the door gets closed
- OPTIMAL-RINSE (optimal rinse technology): water consumption rate among the lowest on the market, consequent reduction of electricity and chemicals consumptions
- Built-in peristaltic detergent dispenser and built-in rinse-aid dispenser (peristaltic rinse-aid dispenser included in the Plus versions)
- Water consumption and working time control system (PLUS versions)
- PLUS system for extra rinse guarantee (on PLUS models)
- Built-in automatic water softener available
- CONNECTIVITY remote control compliant with the HACCP norms (on request)
- Cold water rinse (on demand)
- Reverse osmosis connection for external device (PLUS version)

CONNECTIVITY 4.0

WHEREVER YOU ARE...
YOUR DISHWASHER, JUST A CLICK AWAY

You will be constantly connected to the machine to monitor the work phases, review any eventual alarm and configure remotely the operating parameters according to your needs. Compliant with HACCP norms.Compliant with HACCP norms.



View all the working parameters and event records, working hours and any problem at any time.

In case of problem, the machine promptly alerts you. The technician can intervene remotely to solve the problem or anticipate the needed parts for an on-site intervention.

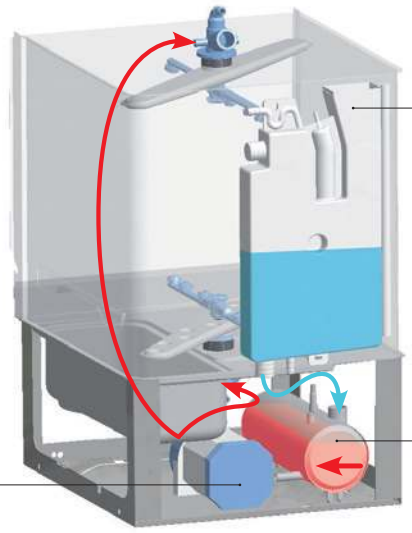
A daily activity report is available with all the events related to the dishwasher in a detailed spreadsheet with HACCP data.

Our Connectivity system is a revolutionary device limiting and facilitating the eventual intervention of a technician who can anticipate the necessary parts to be replaced, saving time and money.

PLUS SYSTEM

GUARANTEED RINSE EVEN
WITH LOW PRESSURE OF THE WATER INLET

We have developed an innovative rinsing system at constant temperature, consumption and water pressure, regardless of external conditions.



BREAK TANK

The Break Tank system prevents the heated water of the boiler to go back and mix with the fresh water supply.

ATMOSPHERIC BOILER

The water temperature in the boiler remains constant at 85°C throughout the rinse, as the boiler refill only occurs once the rinse cycle is done.

RINSE PUMP

The water is sucked from the boiler through a rinse pump and is sent to the rinse nozzles. The correct pressure is ensured regardless of the water inlet pressure and temperature.

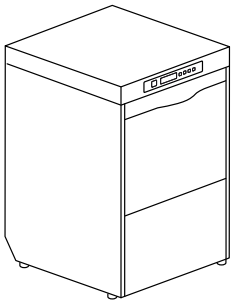
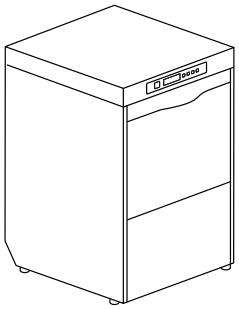
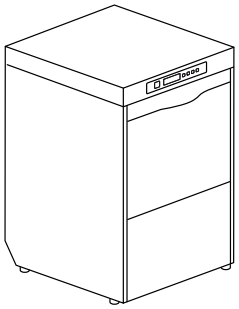
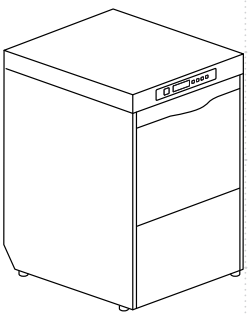
STABILIZED PRESSURE THROUGHOUT THE RINSE PHASE

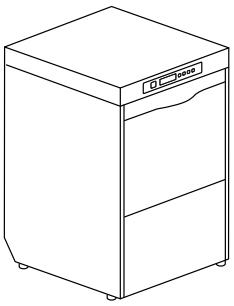
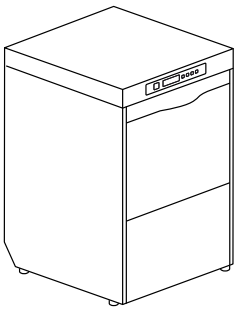
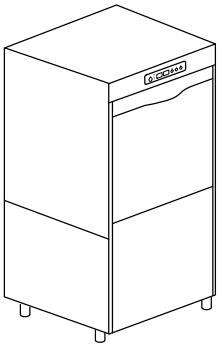
STEADY WATER TEMPERATURE IN THE BOILER (85°C)

CLEANER WATER LESS WASTE

ELECTRON

HIGH-TECH DOUBLE SKIN
GLASS & DISHWASHERS

Model		Voltage	Capacity	Dimensions	Code
ELECTRON 400		ELECTRONIC 4 PROGRAMS			
	RACK EQUIPMENT 2 X C121 1 X 10728 1 X 15060	Multivoltage standard 230 V 50 Hz 3,05 kW -- 230 V 3 50 Hz 4,45 kW -- 400 V 3N 50 Hz 4,45 kW	310 H ø 310 400x400	460x550x780 H 45 kg	**ELECTRON 400** **ELECTRON 400 DA**
ELECTRON 500		ELECTRONIC 4 PROGRAMS			
	RACK EQUIPMENT 1 X C40 1 X C44 1 X 15060	Multivoltage standard 400 V 3N 50 Hz 5,15 kW -- 230 V 3 50 Hz 5,15 kW -- 230 V 50 Hz 5,15 kW	325 H ø 340 500x500	600x610x850 H 63,5 kg GN 1/1 530x325x25 H	**ELECTRON 500** **ELECTRON 500 DA**
ELECTRON 500 H+		ELECTRONIC 4 PROGRAMS			
	A_0=30 HYGIENE + RACK EQUIPMENT 1 X C40 1 X C44 1 X 15060	Multivoltage standard 400 V 3N 50 Hz 5,15 kW -- 230 V 3 50 Hz 5,15 kW -- 230 V 50 Hz 5,15 kW	325 H ø 340 500x500	600x610x850 H 63,5 kg GN 1/1 530x325x25 H	**ELECTRON 500 H+** **ELECTRON 500 DA H+**
ELECTRON 600		ELECTRONIC 4 PROGRAMS			
	RACK EQUIPMENT 1 X C40 1 X C44 1 X 15060	Multivoltage standard 400 V 3N 50 Hz 6,7 kW -- 230 V 3 50 Hz 6,7 kW -- 230 V 50 Hz 6,7 kW	400 H ø 400 500x500	600x680x850 H 68 kg 600x400x25 H GN 1/1 530x325x25 H	**ELECTRON 600** **ELECTRON 600 DA** Surface filters

Model		Voltage	Capacity	Dimensions	Code
ELECTRON 400 PLUS	ELECTRONIC 4 PROGRAMS				
	RACK EQUIPMENT 2 X C121 1 X 10728 1 X 15060	Multivoltage standard 230 V 50 Hz 3,05 kW -- 230 V 3 50 Hz 4,45 kW -- 400 V 3N 50 Hz 4,45 kW HR: Cold water supply	310 H ø 310 400x400	460x550x780 H 46,5 kg	**ELECTRON 400 PLUS** **ELECTRON 400 PLUS DA** **ELECTRON 400 PLUS HR** **ELECTRON 400 PLUS HR DA**
ELECTRON 500 PLUS H+	ELECTRONIC 6 PROGRAMS				
	A_0=30 HYGIENE + RACK EQUIPMENT 1 X C40 1 X C44 1 X 15060	Multivoltage standard 400 V 3N 50 Hz 5,15 kW -- 230 V 3 50 Hz 5,15 kW -- 230 V 50 Hz 5,15 kW HR: Cold water supply	325 H ø 340 500x500	600x610x850 H 65 kg GN 1/1 ✗ 530x325x25 H	**ELECTRON 500 PLUS H+** **ELECTRON 500 PLUS DA H+** **ELECTRON 500 PLUS HR H+** **ELECTRON 500 PLUS HR DA H+**
ELECTRON 1000 PLUS	ELECTRONIC 4 PROGRAMS				
	RACK EQUIPMENT 1 X C40 1 X C43 1 X C44 1 X 15060	400 V 3N ~ 50 Hz 10,2 kW	440 H ø 450 500x500	600x700x1380 H 87 kg 600x400x25 H GN 1/1 ✗ 530x325x25 H	**ELECTRON 1000 PLUS**

A_0=30 Special programs complying with A0=30 on the scale of thermo-disinfection according to the norm EN ISO 15883-1. The Hygiene+ models include 2 special cycles, a short one of 180 seconds and a longer one of 630 seconds, ensuring compliance with high levels of hygiene thanks to high temperatures and long cycles.

PLUS Rinse with constant temperature, pressure and stabilized consumption

✗ With special basket to be ordered

OPTIONS

							RO	XP	PS	DDE	DB	DBE
Model	220-240 V 50 Hz	380-415 V 3N 50 Hz	220-240 V 3 50 Hz	380-415 V 3 50 Hz	440 V 3 60 Hz	60 Hz	Osmosis Connection	Extra Power	Drain Pump	Det. Dispenser	Rinse-Aid disp.	Peristaltic Rinse-Aid Disp.
ELECTRON 400	●	M	M	----	----	€	----	□	€	●	●	€
ELECTRON 400 DA	●	M	M	----	----	€	----	□	€	●	●	€
ELECTRON 500	M	●	M	€	€	€	----	€	€	●	●	€
ELECTRON 500 DA	M	●	M	----	----	€	----	€	€	●	●	€
ELECTRON 500 H+	M	●	M	€	€	€	----	€	€	●	●	€
ELECTRON 500 DA H+	M	●	M	----	----	€	----	€	€	●	●	€
ELECTRON 600	□	●	M	----	----	€	----	----	€	●	●	€
ELECTRON 600 DA	□	●	M	----	----	€	----	----	€	●	●	€
ELECTRON 400 PLUS	●	M	M	----	----	€	□	€	€	●	----	●
ELECTRON 400 PLUS DA	●	M	M	----	----	€	----	€	€	●	----	●
ELECTRON 400 PLUS HR	●	M	M	----	----	€	□	€	€	●	----	●
ELECTRON 400 PLUS HR DA	●	M	M	----	----	€	----	€	€	●	----	●
ELECTRON 500 PLUS H+	M	●	M	€	€	€	□	€	€	●	----	●
ELECTRON 500 PLUS DA H+	M	●	M	----	----	€	----	€	€	●	----	●
ELECTRON 500 PLUS HR H+	M	●	M	€	€	€	□	€	€	●	----	●
ELECTRON 500 PLUS HR DA H+	M	●	M	----	----	€	----	€	€	●	----	●
ELECTRON 1000 PLUS	€	●	□	----	----	€	□	€	€	●	----	●

● Standard

---- Not available

□ Upon request

DA Built-in automatic water softener

E Electronic

M Multivoltage

XP Recommended with water 8-55 °C, for ELECTRON 400 models only with standard voltage for other voltages please contact us

Water supply 55 °C

EAC label upon request

	ST	FS	CR	PS+FS	TS	CONNECTIVITY	BT	WRAS	DVGW	PAP	FLOAT
Model	Soft start	Cold Rinse	Round Basket	DP+ Cold R.	Electr. Timer +Thermostop	Connectivity (HACCP)	Break Tank	Wras	DVGW	Booster Pump	Probes Lack Det/rinse aid
ELECTRON 400	●	€	€	€	●	€	€	€	€	€	€
ELECTRON 400 DA	●	----	€	----	●	€	----	----	----	€	€
ELECTRON 500	●	€	----	€	●	€	€	€	€	€	€
ELECTRON 500 DA	●	----	----	----	●	€	----	€	€	€	€
ELECTRON 500 H+	●	€	----	€	●	€	€	€	€	€	€
ELECTRON 500 DA H+	●	----	----	----	●	€	----	€	€	€	€
ELECTRON 600	●	€	----	€	●	€	€	€	----	€	€
ELECTRON 600 DA	●	----	----	----	●	€	----	€	----	----	€
ELECTRON 400 PLUS	●	€	€	€	●	€	●	€	€	●	€
ELECTRON 400 PLUS DA	●	----	€	----	●	€	----	----	----	●	€
ELECTRON 400 PLUS HR	●	----	€	----	●	€	●	----	----	●	€
ELECTRON 400 PLUS HR DA	●	----	€	----	●	€	----	----	----	●	€
ELECTRON 500 PLUS H+	●	€	----	€	●	€	●	€	€	●	€
ELECTRON 500 PLUS DA H+	●	----	----	----	●	€	----	€	€	●	€
ELECTRON 500 PLUS HR H+	●	----	----	----	●	€	●	----	----	●	€
ELECTRON 500 PLUS HR DA H+	●	----	----	----	●	€	----	----	----	●	€
ELECTRON 1000 PLUS	●	----	----	----	●	----	●	€	€	●	€

380-415 V 3N 50 HZ
220-240 V 3 50 HZ For the models ELECTRON 400 “upon request” provide extra power

220 -240 V 50 HZ For the models ELECTRON 1000 Plus max boiler heating element 6000W

CONNECTIVITY Includes HACCP option. 10-year plan

BT - WRAS Booster pump included

DVGW Components prescribed by DVGW on request (check option compatibility with the manufacturer)

SOFT START Progressive start of the wash pump

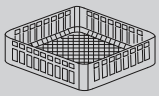
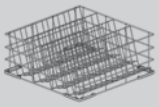
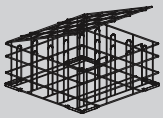
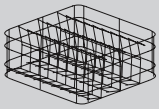
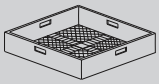
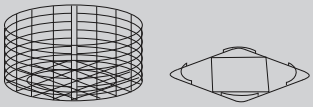
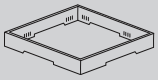
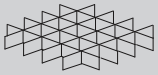
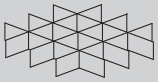
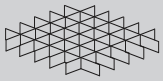
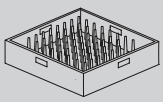
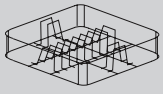
H+ (HYGIENE+) 2 cycles of 630 and 180 seconds with high temperatures, reaching up to 70 °C for washing and 90 °C for rinsing
Option compatibility to be confirmed by the manufacturer after verification

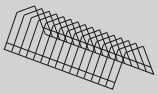
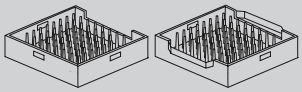
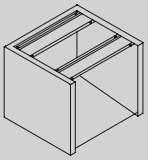
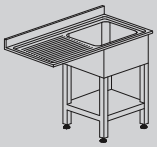
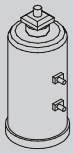
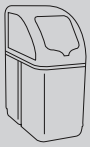
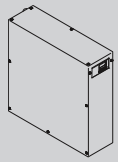
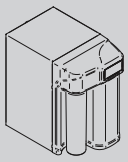
All models: independent wash and rinse arms

Option compatibility to be confirmed by the manufacturer after verification

ELECTRON

ACCESSORIES

	Description	Capacity	Dimensions	Code
	GLASS BASKET		400x400x135 H	**C 121**
	SLOPED GLASS BASKET	Ø 10 max	500x500x200 H	**C 26**
	GLASS BASKET WITH GLASS SUPPORT AND ANTI-TIPPING LID		500x500x235 H	**C 135**
	SLOPED GLASS BASKET	Ø 90 max	400x400x185 H	**C 123**
		Ø 120 max	400x400x160 H	**C 79**
	LARGE MESH BASKET	For glasses	500x500x105 H	**C 44**
	ROUND GLASS BASKET	Basket	Ø 400x145 H	**C 16**
	ROUND BASKET SUPPORT	Support	400x400	**C 38**
	HOLDER FOR GLASS SUPPORT	For glass support (C112-C113-C114)	500x500x50 H	**C111**
	GLASS SUPPORT	5x5 Glass Ø 87 mm (C111)	500x500x50 H	**C 112**
	GLASS SUPPORT	4x4 Glass Ø 110 mm (C111)	500x500x50 H	**C 113**
	GLASS SUPPORT	6x6 Glass Ø 72 mm (C111)	500x500x50 H	**C 114**
	PLATE BASKET	18 Plates	500x500x105 H	**C 40**
	PLATE BASKET	12 Plates	400x400x120 H	**C 31**

	Description	Capacity	Dimensions	Code
	SAUCER HOLDER	14 Saucers	300x100x90 H	**10728**
	CUTLERY BASKET		Ø 120x120 H	**15060**
	GASTRONORM TRAYS BASKET	6 pcs, max. depth 25 mm	530x325x105 H 530x325x105 H	**C 43** **C 43/B**
	STAND	Stainless steel stand	592x535x500 H	**999900517**
	SINK UNIT FOR UNDER-COUNTER MODELS	Sink 500x400x300H	1200x700x850 H	**A 20***
	WATER SOFTENER	12 l	Ø 200x500 H	**D 1**
	AUTOMATIC WATER SOFTENER	12 l (max 800 l)	315x510x685 H	**D 2**
	OSMOSIS FOR ELECTRON 400 PLUS MODELS	230 V 50 Hz - 250 W 5° C - 30° C Flow rate 180-210l/h - 15°C Not suitable for machine with integrated water softener Special basket dotation	145x560x580 H 25 Kg	**OS 180**
	OSMOSIS FOR ELECTRON 500 PLUS MODELS	230 V 50 Hz - 250 W 5° C - 30° C Flow rate 240 l/h Not suitable for machine with integrated water softener Special basket dotation	270x411x451 H 18 Kg	**OS 240**

* Wooden cage +2% minimum + €

Special dimensions for tables upon request

Tables shown in right-to-left version

we mean clean

DIHR ALI GROUP SRL
Via del Lavoro, 28
I - 31033 Castelfranco Veneto (TV)
T: +39 0423 7344
F: +39 0423 720442
E: dihr@dihr.com

Service:
T. +39 0423 734548
F: +39 0423 734519
E: service@dihr.com

www.dihr.com

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