



MANUFACTURER

KW Apparecchi Scientifici S.r.l.

Via della Resistenza 119 - 53035 Monteriggioni (SI) - Italy

MODEL

WPF2 2/4

Plasma and Stem Cells Thawer

HS Code

84198998

TECHNICAL CHARACTERISTICS

Chambers	2 (n°2 waterproof pockets in neoprene)
Thawing Capacity	2 (1000 ml) plasma bags / 4 (450 ml) plasma bags
Thawing Cycle Length	20 minutes
T Regulation Range	up to +40°C
Chamber draining time	Approx. 5 minutes
Power Supply	110V-230V / 50Hz-60Hz
Power Consumption	max 685W
Noise Level	≤ 35 dB


STRUCTURE

Front Shield	Antibacterial ABS	Tank Group	Int/Ext antibacterial HDPE
Upper Doors	Transparent methacrylate	Water Input	25 lt
External Dimensions	39 W x 64 D x 42 H cm	Shipping Size (with wooden crate)	85 W x 75 D x 70 H cm
Weight	25 kg		55 kg

THAWING SYSTEM

Massage Mode	The thawing is uniform thanks to a continuous bags' agitation system (can be disabled)		
Dry Thawing	No contact between the thawing water and the bags		
Ease of Cleaning	The pockets are easily removable and washable under running water		
Tank Emptying	Presence of faucet for fast water drainage; inner tank with inclined base for the total removal of water		
Electromechanical and Electronic Part	Power heater		n° 2 PT100 probes for water T control
	n°2 water level sensors		Independent safety thermostat
	Water recirculation pump in the chamber		n° 2 PT100 probes for each pocket
	Plasma leak sensor		Water filling pump

DIGITAL CONTROL SYSTEM

HPL (High Performance Line)			
Display	Display Touch-Screen TFT 7" - Microprocessor technology		
Data Recording Format	SQLite (Tracer® software included for data reading)		
T Regulation Accuracy	± 0.1°C		
Access Control	Access to controller functions via safety password		
Ease of Use	The user can display the surface temperature reached by the bag in real time		
	The whole process is recorded automatically		
	Total connectivity		
Special Functions	Each cycle can be controlled by temperature or by time		
	Thawing cycle starts when the set water temperature (default 40°C) of the tank is reached		
	The thawing cycle can be started independently in all three pockets, even at different times.		
	The thawing process is constantly monitored and recorded		
	Possibility of tracing the thawing curve on the screen throughout the cycle time		
	Every single thawing cycle is stored in the memory to allow the historic retrieval		
Settable Parameters	Thawing cycle setting to end when the set time is reached		Thawing mode
	Thawing cycle setting to end when the set T is reached		Heating mode
Connectivity	n° 2 USB ports		Ethernet port
Alarm List (Audio/Visual)	End of thawing cycle		Liquid presence in the bags
	Over Temperature		

OPTIONAL ACCESSORIES AVAILABLE ON REQUEST

Wi-Fi connection kit	Bar-Code reader with software Thawing Tracer
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