US

PAXMAN

TECHNICAL SPECIFICATION

Paxman Scalp Cooling System



paxmangroup.com

PSCS TECHNICAL SPECIFICATION (US)

PAXMAN

WEIGHT

Refrigeration Unit
44kg

Caps
795g-900g (incl. coolant and cover)

DIMENSIONS

Height	Width	Depth	Extended Height
650mm	320mm	460mm	1650mm

POWER SUPPLY

100-110V 50Hz
100-120V 60Hz

All electrical circuits earthed and protected with fused system

All fuses are Bussmann time delay fuses - 10A at 250Vac with T-speed

CONDITION OF USE

OPERATIONAL	TRANSPORT AND STORAGE
Temperature: 10-30°C (50-86°F) Atmospheric pressure: 70-106kPa Relative Humidity: 20-75%	Temperature: -25-70°C (-13-158°F) Atmospheric pressure: 50-106kPa Relative Humidity: 10-90%

TEMPERATURE CONTROL

Electronic thermostat with touch screen controller

Coolant flow rate and temperature continuously monitored in line

INFORMATION SIGNALS

Visual and audible for high and low temperature conditions

Loss of coolant flow

INTEL PRESSURE OF COOLANT FLOW

Pressure into cap
17psi

Flow rate of coolant
10-50ml/s

REFRIGERATION

Hermetically sealed unit

CFC-free R134A refrigerant

COOLANT

Orbis C - non-hazardous secondary coolant

MSDS available upon request

DEVICE CLASSIFICATION

FDA Device Class 2

MDSAP 699742

SAFETY STANDARDS

IEC60601-1:2005 / AMD2:2020 for medical electrical equipment

IEC 60601-1:2014 electromagnetic compatibility

ELECTRICAL CLASSIFICATION

Class 1 Type BF

Product specifications are subject to continued evaluation and improvements and subject to change without prior notification. Contact us for more information at info@paxmangroup.com.