

## EQUIPMENT

### WISCONSIN PRESSURE STEAM STERILISERS

Steam is an ideal sterilising agent since it kills microbes quickly. It has the additional important property of self-caused forced penetration. A large volume of steam condenses to a very small volume of water and more steam is drawn to replace it. This causes excellent penetration of fabrics and some papers and nylon films e.g. blue nylon sterilising film (see page 97).

The Wisconsin All-American steriliser is a workhorse that does its daily job of sterilising equipment and theatre-wear for years, with utter reliability. The sterilisers are made in America of high-quality cast aluminium which, when used correctly, resists ageing and corrosion. The precision metal-to-metal seal does away with the need for rubber gaskets. As a safety feature, clamping locks prevent removal of the cover while there is pressure present. An accurate pressure gauge, pressure control valve, overpressure safety plug and cool bakelite handles and wing-nuts are all thoroughly tested features that ensure safe operation with a minimum of attention. Only a small amount of water is needed to create the dry steam. After achieving a minimum temperature of 121°C and a pressure of 17-21 psi, the dry steam penetrates the bandages or instruments making them sterile in a minimum of 35 minutes.

*Before using these sterilisers, please read through the operating manual supplied with unit Summary available in Section Z: Manuals & Maintenance (see pages 145-148).*



Y3730

## Y3730 NON-ELECTRIC STERILISER

Used over any effective heat source, it is only a matter of minutes to secure sterile dressings and instruments and only a small amount of water is needed

Size: 24L (model 1925X)

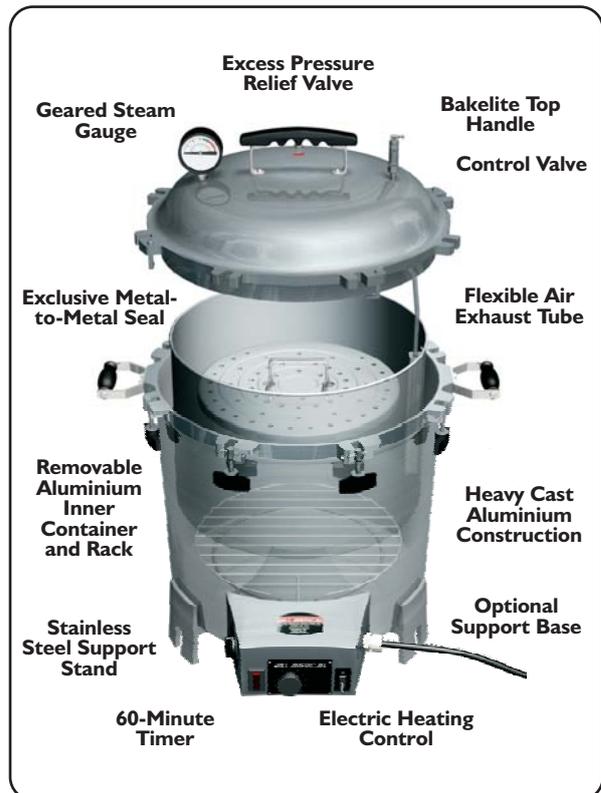
## ELECTRIC STERILISER

The electric Wisconsin steriliser is a complete, self-contained unit with an immersion heating element, automatic thermostatic control, automatic release valve and pilot light. The electric models feature a 60-minute mechanical bell timer and a 1650 watt heating element for faster operation

Sizes:

Y3731 24L (model 50X)

Y3732 39L (model 75X)



Y3731 • Y3732

## QUICK COMPARISON CHART

	Non-Electric Model 1925X (Y3730)	Electric Model 50X (Y3731)	Electric Model 75X (Y3732)
<b>Gross Capacity</b>	24L	24L	39L
<b>Overall Height</b>	42.5cm	42.5cm	48.3cm
<b>Inside Diameter</b>	32.1cm	32.1cm	38.7cm
<b>Unit Weight</b>	8.3kg	13.2kg	20.4kg
<b>Inner Container</b>	No. 2162 (Y3740)	No. 2156 (Y3745)	No. 4156 (Y3745/39)
Height	-	21.6cm	26cm
Inside Depth	26cm	-	-
Diameter	28.3cm	28.3cm	35.6cm
Circumference	91.1cm	91.1cm	113cm
Capacity	16.6L	13.7L	25.8L
<b>Optional Support Base</b>	-	5cm high	7.6cm
Outside Diameter	-	32.4cm	41.3cm
Inside Diameter	-	31.4cm	38.1cm
Elevation on Surface	-	3.5cm	5.7cm
<b>Shipping Weight</b>	11.3kg	15.4kg	23.1kg

# SECTION T — STERILISATION

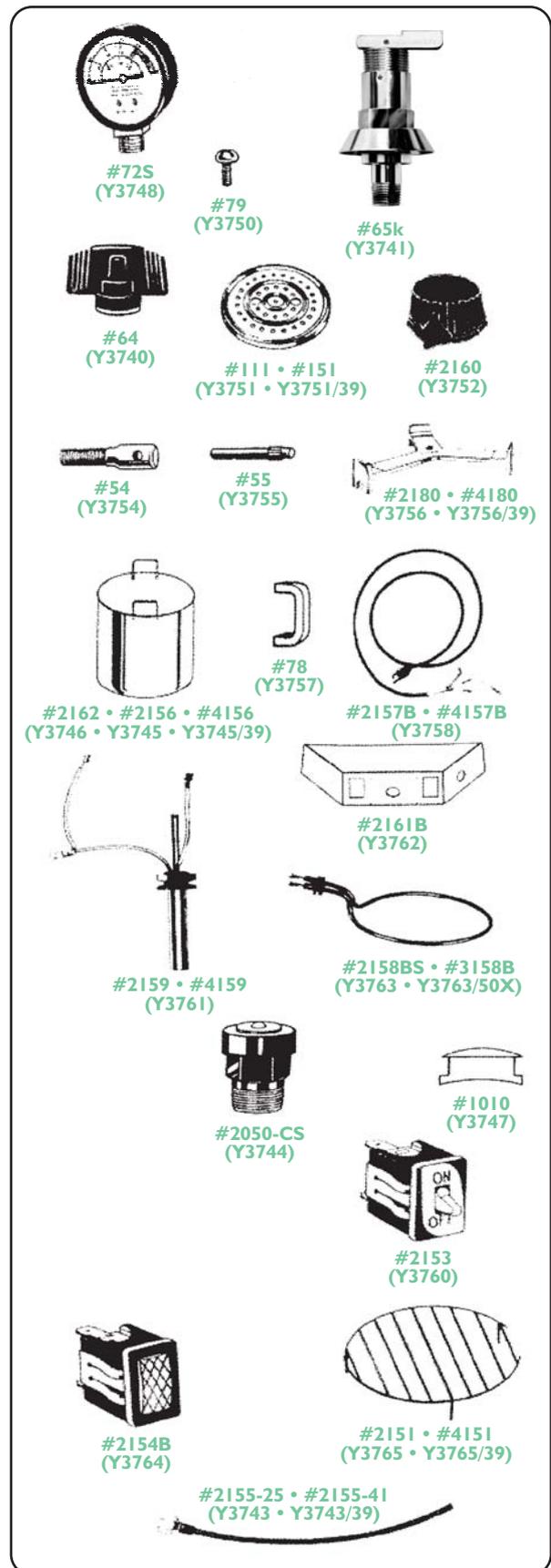
## SPARE PARTS FOR WISCONSIN PRESSURE STEAM STERILISERS

Please quote spare part Kyron code (Y-number) as well as model number (#-number) when ordering.

Y3748	#72S	Geared steam gauge
Y3750	#79	Retaining bayonet clamp screw
Y3741	#65k	Control valve
Y3740	#64	Bakelite wing nut
Y3752	#2160	Bakelite heat control knob for thermostat
Y3753	#73	Lens for steam gauge
Y3754	#54	Clamp bolt
Y3755	#55	Pin for clamp bolt
Y3757	#78	Retaining bayonet clamp
Y3758	#2157B	Grounded 3-wire power supply cord & wiring harness (25X)
	#4157B	Grounded 3-wire power supply cord & wiring harness (50X or 75X)
Y3759	#4190	Timer for electric steriliser
Y3760	#2153	On-Off toggle switch
Y3761	#2159	Thermostat assembly 240V (25X)
	#4159	Thermostat assembly 240V (50X or 75X)
Y3762	#2161B	Cast aluminium control box
Y3764	#2154B	Pilot light
Y3744	#2050-CS	Excess pressure relief valve
Y3747	#1010	Over pressure plug

*Air Exhaust Tube For:*

Y3743	#2155-25	24L steriliser (50X)
-/39	#2155-41	39L steriliser (75X)



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*Aluminium Container For:*

- Y3746 #2162 Non-electric steriliser 24L (1925X)
- Y3745 #2156 Electric steriliser 24L (50X)
- /39 #4156 Electric steriliser 39L (75X)

*Aluminium Inner Container Rack For:*

- Y3751 #111 24L sterilisers (Electric or Non-Electric)
- /39 #151 39L sterilisers (75X)

*Handles:*

- Y3742 #76-09RM Top handle with screws
- /75X #405 Side handle for 39L electric steriliser (75X)

*Heating Element (240V):*

- Y3763 #2158BS 24L steriliser (25X – old 1050W steriliser)
- /50X #3158B 24L steriliser (50X)

*Stainless Steel Support Stand For:*

- Y3765 #2151 24L steriliser (50X)
- /39 #4151 39L steriliser (75X)

*Support Base For:*

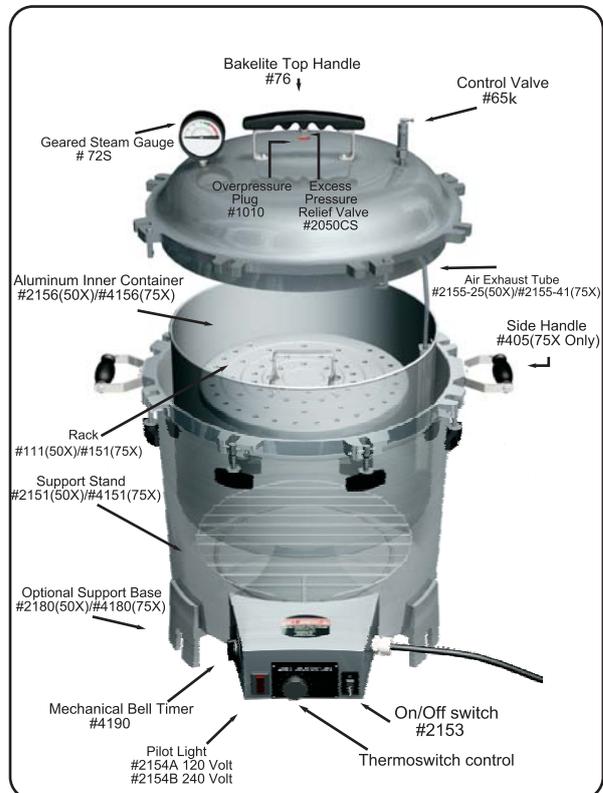
- Y3756 #2180 24L electric steriliser (50X)
- /39 #4180 39L electric steriliser (75X)

When parts need to be replaced, we strongly recommend that the Grounded 3-wire power supply cord & wiring harness, Thermostat, Heating Element and Thermometer be replaced by the Kyron technician.

**No guarantee or responsibility for the proper functioning of these parts will be assumed by Kyron if they are not installed by us.**



**Y3730 Spare Part Placement**



**Y3731 • Y3732 Spare Part Placement**