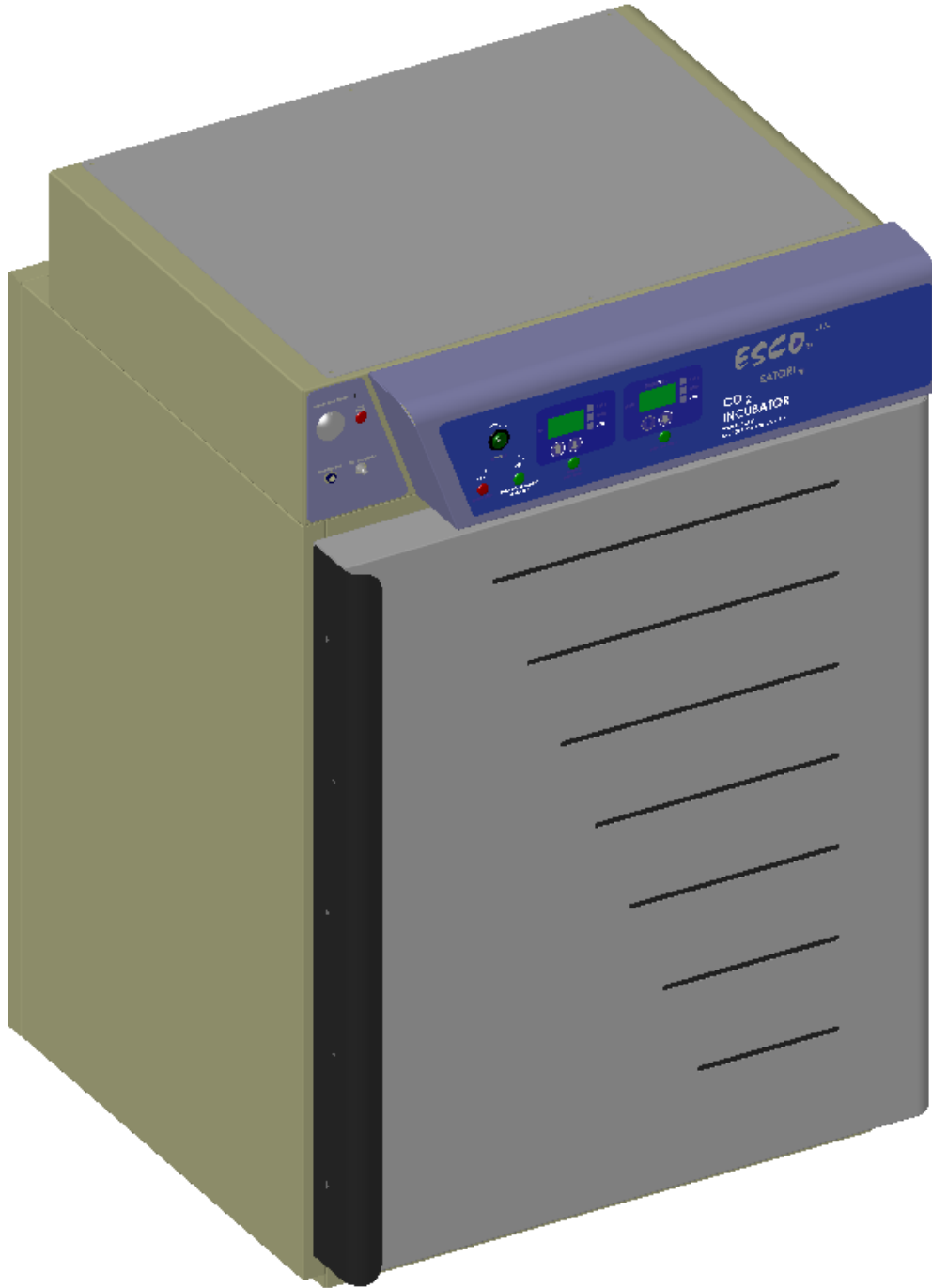


ESCO®

SATORI™ CW7 CO₂ INCUBATORS



Esco SATORI™ water jacket CO₂ incubator models - CW7 is particularly suited for tissue culture and in-vitro fertilization

Easy to Use: Advance Microprocessor Control and Communication System

Easy to Maintain: 100% Stainless Steel and Fully Rounded Corners Chamber and Shelves

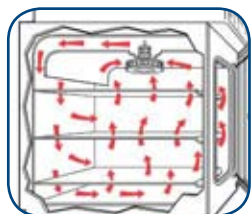
Performance Assured: High Efficiency Copper-Housed HEPA filter and Accurate Temperature and Humidity Regulation

Large Capacity: 170L / 6.12 Cu. Ft. Chamber Capacity

Low Cost Operation: Anti-Corrosion Anode Water Jacket provide the ability to use regular tap water instead of expensive distilled water

At Esco, we very well understand the need for extremely high level of performance and precision in today's cutting edge research and other applications. Esco SATORI™ CO₂ Incubators have been designed to meet these very needs and much more.

SATORI™ CO₂ incubators are available in **water jacket variants**. Bringing together the latest in **contamination control technology, sensor technology** and a host of other advanced features, these CO₂ incubators have everything that is needed for consistently delivering high level of performance and for providing precise chamber conditions.



The large **19 gallon water jacket** and an **insulation surrounding the jacket** help provide very effective protection to all the vulnerable areas of these CO₂ incubators from condensation, besides delivering the best possible performance when it comes to maintaining precise conditions.

Esco SATORI™ CO₂ Incubators make use of the latest **High Efficiency Particulate Air filtration System (HEPA)** to purify the chamber atmosphere at a typical efficiency of 99.97%. Furthermore these **HEPA filters are housed in copper** to prevent trapped particulates from reproducing. The copper blower wheel makes sure that contaminants have nowhere to hide.

A sophisticated control system to regulate temperature and CO₂ flow ensures that these CO₂ incubators provide an exceptionally stable environment with unmatched precision. The microcomputer fitted into the incubator continuously samples the jacket and chamber temperatures and accordingly fine tunes the multiple non-contact heaters of the incubator to provide unparalleled temperature uniformity.



The data logger has **programmable output points** to transmit display data via RS232 directly to a printer or to a remote alarm system. This further enables you to obtain precise time/date stamped data.

The chamber and shelves are made of **100% stainless steel**. Other imprints of sensible designing include fully curved corners, removable door gaskets and **Quick Clean Shelf System** to provide easy cleaning and maintenance.

GENERAL SPECIFICATIONS CW7

Heating mechanism	Water Jacketed	Humidity Range		Up to 95%	
External Dimensions (W x D x H)	660 x 650 x 120 mm	Communications	Alarm Contact	Yes	
	26" x 25.5" x 40"		RS 232		
Internal Dimensions (W x D x H)	520 x 508 x 655 mm	Parallel Port			
	20.5" x 20" x 25.8"	Shelves Supplied	3		
Chamber Capacity	170L / 6.12 cu. ft.	Shelves maximum		16	
Temperature Range	Ambient +8°C to 60°C	Electrical requirements	W / Amp - 120V	600 / 5	
Temperature Uniformity	+/- 0.2°C (at 37°C)		W / Amp - 220V	600 / 3	
Temperature Display Resolution	+/- 0.1°C		Cycle / Phase	50:60 Hz / Single	
CO ₂ Sensor	Thermal Conductivity	Fitting sizes (diameter)	Access Port	25.4 mm / 1"	
CO ₂ Range	0-20%		CO ₂ Sample Port	9.5 mm / 3/8"	
CO ₂ Uniformity	+/- 0.1°C at 5%		CO ₂ Inlet Port	9.5 mm / 3/8"	
CO ₂ Recovery Rate to 5%	< 5 minutes		Fill Port	25.4 mm / 1"	
Alarm Conditions	Temperature			Siphon Port	12.7 mm / 1/2"
	CO ₂		+/- 1%	Shipping Weight	127 kg / 310 lbs



Esco is a company focused on clean-air and containment technology with a history of quality products since 1978. We are highly oriented towards the international market place with sales in more than 60 countries. A network of international distributors and partners allows us to provide quick and responsive local service and support.

PT Esco Bintan Indonesia

Your local distributor:



BIOTECHNOLOGY EQUIPMENT DIVISION
 21 Changi South Street 1, Singapore 486777
 Tel: +65 65420833 · Fax: +65 65426920
 Email: biotech@escoglobal.com
 Web Site: <http://biotech.escoglobal.com>