

## Immersion Tank – ITEQ Serie

This serie is designed for D.I water or other solutions (consult us).

**Complete Fiber Glass Construction - (US Patent No.10371623).**

Application: water immersion of samples at high temperatures with option for cooling.

Immersion test for plastics-metallic parts (testing water resistance of coatings using water immersion or another solution) and is also required for testing automotive batteries.



Internal View – ITEQ 600



ITEQ 1300



Specification/Model	600	1000	1300	3000	900 (Horiz)
Temperature Range:	Ambient + 9°F (5°C) - +158°F (70°C)				
Approximated internal cabinet volum:	75.55 gal (286 L)	162.47 gal (615 L)	204.47 gal (774 L)	468 gal (1,772 L)	254 gal (960 L)
Internal Dimensions W x D x H:	24" x 81" x 22.05" (630 x 810 x 560 mm)	46.85" x 32.28" x 24.80" (1,190 x 820 x 630 mm)	55.12" x 33.46" x 25.59" (1,400 x 850 x 650 mm)	80.71" x 42.52" x 31.50" (2,050 x 1,080 x 800 mm)	39" x 62" x 23.5" (1,000 x 1,600 x 600 mm)
External Dimensions W x D x H:	61" x 41" x 57" (1,555 x 1,050 x 1,450 mm)	74.4" x 61.8 x 46.5" (1,890 x 1,570 x 1,180 mm)	95.28" x 45.28" x 66.93" (2,420 x 1,150 x 1,700 mm)	133.86" x 63" x 70.87" (3,400 x 1,600 x 1,800 mm)	47" x 79" x 37.3" (1,200 x 2,000 x 950 mm)
Approx. Crated Dimensions W x D x H:	63" x 47.2" x 63" (1,600 x 1,200 x 1,600 mm)	80.7" x 51.2" x 68.9" (2,050 x 1,300 x 1,750 mm)	102.36" x 51.18" x 72.83" (2,600 x 1,300 x 1,850 mm)	140" x 67" x 84" (3,550 x 1,700 x 2,110 mm)	51.18" x 92.52" x 43.31" (1,300 x 2,350 x 1,100 mm)
Approximate net weight	286 lbs (130 Kg)	463 lbs (210 Kg)	803 lbs (364 Kg)	1,322.77 lbs (600 Kg)	595 lbs (270 Kg)
Approximate Shipping Weight - Crated	397 lbs (180 Kg)	882 lbs (400 Kg)	1,410 lbs (640 kg)	2,204.62 lbs (1,000 Kg)	1,278.68 lbs (580 Kg)
Voltage	208 ~230 -1 - 60		208 ~230 -3-60		
FLA – Amp.	25	40	63	85	45
Gravity Drain	½" hose		1" hose		
Compressed Air Pressure	--	--	56 psi +/- 0.7 psi (4 kgf/cm²)		--
Recommended Lab conditions	Temperature: 75 °F (24°C) - 82°F (28°C), Relative humidity: Maximum 85% (without condensation)				
CE & UL508A Compliance	Included				
Visual and audible security system	Included				
Test water requirement	ASTM D 1193 Type IV				
DEI water pressure	7 to 14 psi (0.5 to 1.0 kgf/cm²)				
DEI water input Ø	1/2"				
Lab exhaust	Fume Hood and motor – if necessary				
Chamber exhaust	Relief Valve				
Service Area	minimum of 19.6" (50 cm) for an easier cleaning, assembling and maintenance				
1 (One) Year Parts Warranty against manufacturing defects from date of delivery at customer’s site. This assumes equipment is used under normal operating conditions in accordance to the instruction manual. This warranty does not apply to glassware (lamps). In case of non-warranty issues during warranty period, actual expenses shall apply.					
Note 1: All our equipment is delivered with Installation, Maintenance and User Manual. We believe this material is enough for					

the correct use of the equipment. We are available for further questions and clarifications. Additionally, if desired, we can provide the technicians to assemble the equipment and conduct staff training at the client's site.  
(Cost available upon request).

**Note 2:** Appearance and specifications of equipment are subject to change without prior notice.

## Optional Accessories

CODE: EQOP.0001

- (1) rack - 15° or 20° inclination in accordance with ASTM B117 and ISO 9227.



CODE: EQOP.0005

- Special rack for customer supplied test sample.

CODE: EQOP.0011

- Fiberglass Fume Hood (hood Only)



CODE: EQOP.0012

- Fiberglass axial fan assembly capacity: 1940 CFM

Net weight: 88 lbs. (40 kg).



CODE: EQOP.0013

- DI Water assembly includes:
  - activated carbon water filter, DI column, LED water quality indicator.



CODE: EQOP.0014

- Spare DI water column.



CODE: EQOP.0015

- Spare activated carbon water filter.



CODE: EQOP.0016

- pH meter – Digital with calibration solution.





CODE: EQOP.0017

- Conductivity meter – Digital with calibration solution.



CODE: EQOP.0018

- Density meter to measure concentration of saline solution.



CODE: EQOP.0019

- Plastic bucket with 50lb Salt EQCORR with chemical analysis certificate



CODE: EQOP.0044

- Data Acquisition Software:  
By PC (RS 232 or USB)



CODE: EQOP.0035

- Cable port  $\varnothing = 2''$   
(other, consult us)



CODE: EQOP.0169

- Inclined specimen holder for 36 screws with Nylon threaded bushings to be defined by the customer (maximum  $\varnothing 22\text{mm}$ )



CODE: EQOP.0034

- Solution tank for long term testing capacity 71.3 gal (270 Liters), with automatic solution mix and feed.



CODE: EQOP.0171  
(ITEQ 600 – 1000)

- Cooling System, Performance example:  
158°F(70°C) to 41°F (5°C), One (1) hour with  
**4 Car Battery – ITEQ 600 or**  
**6 Car Battery – ITEQ 1000**  
(for more information contact us)  
208 ~ 220 V -1 -60, FLA 32 Amp.

CODE: EQOP.0174  
(ITEQ 1300 - 900)

- Cooling System, Performance example:  
158°F(70°C) to 41°F (5°C), One (1) hour with  
**8 Car Battery – ITEQ 1300 or**  
**8 Car Battery – ITEQ 900**  
(for more information contact us)  
208 ~ 220 V -3 -60, FLA, 45 Amp.

CODE: EQOP.0175

- Cooling System, Performance example:  
158°F(70°C) to 41°F (5°C), One (1) hour with  
**16 Car Battery – ITEQ 3000**  
(for more information contact us)  
208 ~ 220 V -3 -60, FLA, 45 Amp.

CODE: EQOP. 0173

- Solution level system with adjustable height.



CODE: EQOP.0068

- Pump to drain precipitated solution - Salt Spray Chamber

