



## Hydrostatic Weighing Tanks

A major health problem in our society today is not overweightedness but overfattedness! Our Hydrostatic Weighing System gives you the professional tool for expert judgment and sound advice, whether it be the body-building enthusiast looking to increase his lean tissue weight, the overfat person who wants to reach an ideal, healthy body fat percentage, or the person who desires to maintain the body he has. Our hydrostatic weighing systems provide the latest scientifically based and objective method of body composition determination. Our tanks are realistically priced, and they are available as complete packages for turnkey operation.

### Options & Features

- Turnkey system for instant hydrostatic weighing, or individual components for modernizing older systems
- Choice of rectangular polypropylene tank or round stainless steel tank
- Choice of manual analog scales or precision electronic load cell
- Load cell is interfaced to computer for automatic data collection
- HYDROWT software automatically computes percent body fat, fat weight, lean body weight, desirable weight and needed weight loss. Then it generates a printed report you can hand to your test subject
- Optional pump / filter / heater package

We offer a choice of two tanks. A round stainless steel tank of one-piece, welded construction. The standard color is blue but custom orders are available on request. Or a rectangular high strength polypropylene tank. Available in white only.

Both tanks are shipped assembled, except for overhead supports and plumbing.

Both tanks include stainless upright supports for scale or load cell suspension, and stainless steel fittings to provide a sturdy, clean, rust-free appearance.

### Options:

- Complete plumbing with low maintenance filter, pump and heater. ¾ HP, 2 speed high flow pump. Operates on standard 120 volt current. Heater is thermostatically controlled. (220V 50/60Hz available, heats faster).
- A nylon web seat designed to suspend the subject in correct fetal position for weighing.
- A precision 8 or 13 inch diameter analog scale for manual operation.
- Residual Volume (RV) Measurement System (17400)

Due to the litigious American legal system we recommend you construct your own entry platform or purchase a pool ladder from your local swimming pool supplier.

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### Specifications

	Poly Tank	SS Tank
Material	Polypropylene	Stainless Steel
Depth	48" (122 cm)	60" (153 cm)
Width	45" (115 cm)	----
Length	59" (150 cm)	----
Diameter	----	48" (122 cm)
Capacity	490 US gallons 1850 liters	460 US gallons 1750 liters
Height with poles	88" (224 cm)	
Weight, empty	250 lbs / 82 Kg	160 lbs / 73 Kg
Weight, full	4200 lbs / 1900 Kg	4000 lbs / 1815 Kg
Floor Loading (approx)	250 lbs/ft <sup>2</sup> 1100 Kg/m <sup>2</sup>	310 lbs/ft <sup>2</sup> 1500 Kg/m <sup>2</sup>
Nylon Web Seat	Optional	Optional
Analog Scale	Optional	Optional
Min Scale division	25 grams	25 grams
Load Cell	Single 50 Kg Optional	Single 50 Kg Optional
Load Cell Accuracy	0.02 Kg	0.02 Kg

Specifications subject to change without notice

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