

**TYPICAL SPECIFICATION
HYDRAULIC CENTURY®
SINGLE or DUAL TANK TON CONTAINER SCALE**

SPECIFICATION SECTION 11261 - Chlorination Equipment

Chlorine scales shall be of the hydraulic load cell type. Scale frame will be epoxy finished and sized to accept _____ (1 or 2) 3600 lbs/1632 kg. chlorine container(s). It shall have the required number of heavy-duty bushed bearing trunnions installed for each container to allow easy container rotation. Frame shall be constructed of ASTM Grade A36 structural steel and shall tilt up for easy cleaning. Scale shall be of such a size that it is within the dimensions of the tank(s) it supports.

Load cell shall be of the temperature-stable, rolling diaphragm type. Load plate shall be able to tilt 4 degrees without affecting accuracy to allow for easy installation. Flexible hose shall lead from the load cell to allow easy remote installation of the dial and shall be _____ ft. (meter) (12'4M standard) in length. Load cell system shall require no electric power and shall be immune to all RFI/EFI, power failures and lightning strikes.

Dial diameter shall be _____ inches and read zero to _____ lbs. (kg.) with provision for tare adjustment. Dial shall be temperature stable with damper installed to prevent shock damage.

Scale shall carry a Full Five (5) Year Factory Warranty. "Limited" Warranties shall be considered unacceptable.

Full scale accuracy shall be better than 1/2 of 1%. Scale shall be CHLOR-SCALE® with hydraulic CENTURY® dial indicator, Model _____D_____, as manufactured by FORCE FLOW , 1150-D Burnett Avenue, Concord, CA 94520 USA (www.forceflow.com), or equal.

OPTION 1: Scale shall have a SATELLITE® loop powered 4-20mA output proportional to gross weight.

OPTION 2: Scale shall have a 5amp low level contact with manual reset button.

Model Numbers:

PLATFORM & INDICATOR:

1-TANK SCALE:

Indicator Size	Model (Capacity lbs)	Metric Model (Capacity kgs)
6"	6D40A (4000 lb)	6D20K (2000 kg)
8-1/2"	8D40A (4000 lb)	8D20K (2000 kg)
12"	12D40A (4000 lb)	12D20K (2000 kg)

2-TANK SCALE

6"	6D80 (8000 lb)	6D40K (4000 kg)
8-1/2"	8D80 (8000 lb)	8D40K (4000 kg)
12"	12D80 (8000 lb)	12D40K (4000 kg)

NOTE: Dual tank scale is designed for systems that have 2 tanks manifolded feeding simultaneously.



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