

**TYPICAL SPECIFICATION
HYDRAULIC CENTURY®
150 LB. CYLINDER SCALE**

SPECIFICATION SECTION 11261 - Chlorination Equipment:

Chlorine or SO2 Cylinder scale shall be of the hydraulic cell type. Scale platform shall be constructed of non-corrosive 1" (25mm) PVC plastic and sized to accept one (1) 150 lb/68kg. cylinder each. A total of ____ CL2/SO2 cylinders shall be weighed. Platform height shall be no more than 1-5/8" (38mm) to allow easy handling and unloading of cylinders. Platform scale coating system shall be a minimum dry thickness of 80 mils and be resistant to moisture, chemicals, abrasion, impact and UV light.

Load cell shall be of the temperature-stable, rolling diaphragm type. Flexible PVC coated copper tubing shall lead from the load cell to allow easy wall mounting of the dial and shall be _____ ft. (meters) in length (6 ft./2M standard length). Load cell system shall require no electric power and shall be immune to all RFI/EFI, power failures and lightening strikes. Cylinder chaining bracket shall be wall mounted and use a double coil chain and a spring loaded snap hook to secure cylinder. Chaining Bracket shall have an integral tool rack for storing cylinder change-out tools.

Dial diameter shall be at least 4-1/2"/114mm and read zero to 200 lbs. (100kg) net with provision for tare adjustment. Dial shall be temperature stable with damper installed to prevent shock damage.

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

Full scale accuracy shall be better than 1%. Scale shall be CHLOR-SCALE® 150 with TUF-COAT™ coating and CENTURY® dial indicator, Model 4D_____-____ as manufactured by FORCE FLOW, 1150-D Burnett Ave., 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:

<u>No. of Cylinders</u>	<u>Model (Capacity lbs)</u>	<u>Metric Model (Capacity kg)</u>
1-Cylinder	4D150-1 (300 lb)	4D100K-1 (150 kg)
2-Cylinder	4D150-2 (300 lb/ea)	4D100K-2 (150 kg/ea)



File: _WEB\SPECS\SPC150HY 02/03/03
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