

**TYPICAL SPECIFICATION
HYDRAULIC CENTURY®
CHEMICAL DAY TANK SCALE**

SPECIFICATION SECTION 11245 - Chemical Feeders

SPECIFICATION SECTION 11240 - Chemical Metering Pumps

Platform scales shall be of the hydraulic cell type. Scale shall be sized to accept up to a _____ inch (30" - 60") (762mm - 1524mm) diameter tank. Four(4) adjustable hold down lugs shall be provided on the platform to increase lateral stability and to allow the use of hold down straps for securing the vessel to the platform. 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. Load plate shall be able to tilt to 4 degrees without affecting accuracy to allow easy installation. Flexible hose shall lead from the load cell to allow easy remote installation of the dial and shall be _____ feet in length, 12ft (4M) standard. Load cell system shall require no electric power and shall be immune to all RFI/EFI, power failures and lightening strikes.

Dial diameter shall be _____ inches and read zero to _____ lbs. (kgs.) with provision for tare adjustment. Dial shall be temperature stable with damper installed to prevent shock damage. Dial accuracy shall be better than 1/2 of 1% full scale.

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

Scale shall be CHEM-SCALE™ DAY TANK SCALE with TUF-COAT™ coating and CENTURY® dial indicator, Model ____ - 12D____-LP in _____, 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.

OPTION 3: Scale shall have a Fixed Alarm 10amp Hi/Low Pressure Switch.

Model Numbers:

PLATFORM & INDICATOR:

Capacity	30" x 30"	40" x 40"	50" x 50"	60" x 60"
1,000 lb.	30-12D10LP			
2,000 lb.	30-12D20LP	40-12D20LP		
3,000 lb.	30-12D30LP	40-12D30LP		
4,000 lb.		40-12D40LP		
5,000 lb.			50-12D50LP	
6,000 lb.			50-12D60LP	60-12D60LP
8,000 lb.			50-12D80LP	60-12D80LP
10,000 lb.				60-12D100LP
12,000 lb.				60-12D120LP

Consult factory for Metric Model Numbers.



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

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