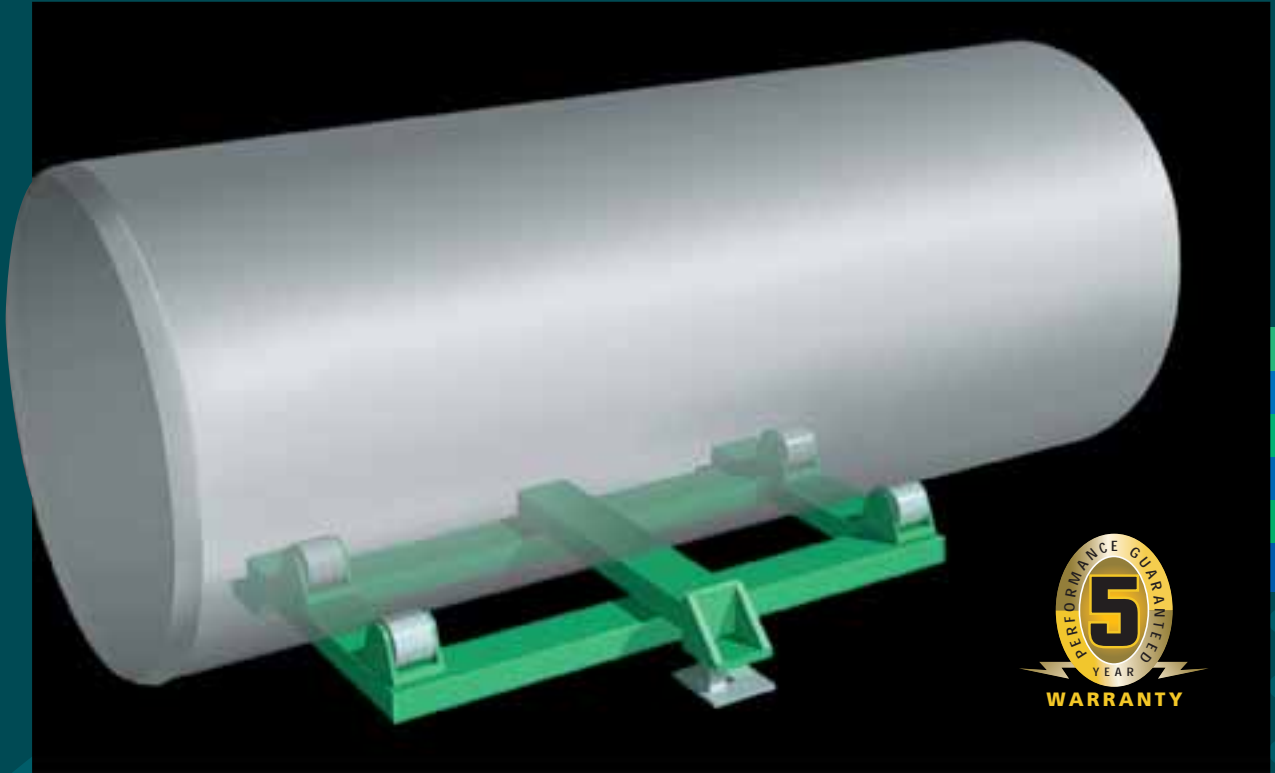


FOR CHLORINE AND SO₂ TON CONTAINERS



- ✦ SAFELY MONITOR AMOUNT USED AND REMAINING CHEMICAL
- ✦ PREVENT UNDER AND OVERFEED CONDITIONS
- ✦ VERIFY QUANTITY OF CHEMICAL DELIVERED
- ✦ 4-20 MA OUTPUTS FOR REMOTE MONITORING
- ✦ LOW-LEVEL ALARMS
- ✦ RETROFIT EXISTING HYDRAULIC SCALES



OUR WIZARD 4000® WEIGHT INDICATOR SIMULTANEOUSLY MONITORS REMAINING CHEMICALS, FEED RATES AND USAGES ON UP TO 4 SEPARATE CHLOR-SCALES.

THE ELECTRONIC CHLOR-SCALE® INCORPORATES A SHEAR BEAM LOAD CELL AND A POWERFUL MICRO-PROCESSOR BASED INSTRUMENT TO OFFER THE MOST MODERN TON CONTAINER MONITORING SYSTEM AVAILABLE TODAY. THE PLATFORM'S BUILT IN ROLLER TRUNNIONS SAFELY CRADLE THE TON CONTAINER AND ALLOWS THE OPERATOR TO ROTATE THE TANK TO POSITION THE VALVES FOR PROPER FEEDING.

THE RUGGED SHEAR BEAM LOAD CELL IS USED FOR ITS ABILITY TO WITHSTAND THE SEVERE SHOCK AND SIDE LOADING ASSOCIATED WITH THE USE OF TON CONTAINERS. IN ADDITION, THIS EXTREMELY ACCURATE NTEP CERTIFIED LOAD CELL CAN DETECT

CHANGES IN WEIGHT DOWN TO 1 LB. THIS MAKES IT IDEAL FOR APPLICATIONS THAT HAVE VERY SMALL DAILY USAGES OR OTHER PROCESS APPLICATIONS WHICH REQUIRE A HIGH DEGREE OF ACCURACY.

OUR WIZARD 4000® INDICATOR IS HOUSED IN A NEMA 4X ENCLOSURE AND MONITORS CHEMICAL REMAINING IN THE TANK, DAILY USAGES, AND FEED RATES TO GIVE YOU SUPERIOR CONTROL OF YOUR GAS FEED SYSTEM. THE SCALE COMES PRE-CALIBRATED AND THE INSTALLATION IS EXTREMELY SIMPLE WITH NO PIT OR SPECIAL INSTALLATION PERSONNEL REQUIRED.

FORCE FLOW

ELECTRONIC CHLOR - SCALE®

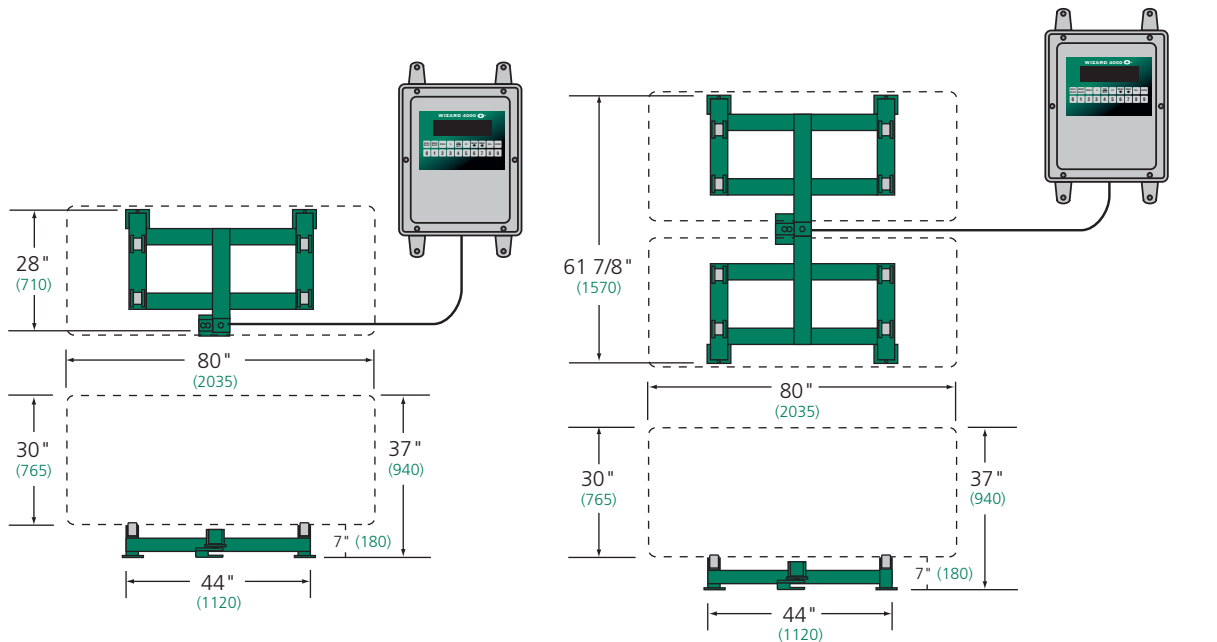
MODELS AND ORDERING INFORMATION

UNITS COME STANDARD WITH 20 FEET OF CABLE. FOR CABLE LENGTHS OVER 20', HOLD DOWN CHAINS, NONSTANDARD SIZE TANKS OR RS-485/RS232 SIGNALS, PLEASE CONSULT FACTORY. METRIC MODELS ARE AVAILABLE AT NO EXTRA CHARGE. FOR MORE INFORMATION ON INDICATOR, SEE WIZARD 4000® BROCHURE.

MODEL	# OF CONTAINERS	CAPACITY	* STANDARD INCREMENTS
DR40 (DR20K)	1	4000 LBS (2000KG)	1 LB. (0.3KG)
DR80 (DR40K)	2	8000 LBS (4000KG)	2 LB. (1KG)

*FOR SMALLER INCREMENTS, CONSULT FACTORY. FOR SCALES UP TO 6 CONTAINERS, SEE MULTIPLE TANK BULLETIN 402.

SPECIFYING GUIDELINES: THE DUAL TANK SCALE IS DESIGNED FOR SYSTEMS THAT HAVE 2 TANKS MANIFOLDED TOGETHER FEEDING SIMULTANEOUSLY. WHEN FEEDING FROM ONE TANK AT A TIME WE RECOMMEND USING TWO SINGLE TANK SCALES INSTEAD OF A DUAL.



DIMENSIONS: INCHES (MILLIMETERS)

TYPICAL SPECIFICATION FOR ELECTRONIC CHLORINE AND SO₂ TON CONTAINER SCALE

A QUANTITY OF ____ CHLORINE/SO₂ SCALES SHALL BE PROVIDED AND SHALL BE OF THE DIGITAL READOUT/ELECTRONIC LOAD CELL TYPE. SCALE FRAME SHALL BE EPOXY FINISHED AND SIZED TO ACCEPT ____ (1 TO 6) 2000 LB. CONTAINERS. SCALE SHALL HAVE HEAVY-DUTY BRONZE BUSHED BEARING TRUNNIONS INSTALLED FOR EACH CONTAINER TO ALLOW EASY CONTAINER ROTATION. SCALE SIZE SHALL BE WITHIN THE DIMENSIONS OF THE CONTAINER(S) IT SUPPORTS.

SCALE SHALL BE OF THE SINGLE LOAD CELL DESIGN. WEIGHT SHALL BE TRANSFERRED VIA LEVER(S) TO A SINGLE, NTEP APPROVED LOAD CELL OF THE SHEAR BEAM, STRAIN GAUGE TYPE. FLEXIBLE CABLE SHALL CONNECT LOAD CELL TO INDICATOR TO ALLOW EASY REMOTE INSTALLATION OF THE READOUT. CABLE LENGTH SHALL BE ____ (20 FT. STANDARD).

INDICATOR SHALL CARRY CE MARKING AND SHALL BE HOUSED IN A NEMA 4X, UL APPROVED ENCLOSURE. INDICATOR SHALL INDEPENDENTLY MONITOR ____ (UP TO 4) SCALES. DIGITAL DISPLAY SHALL BE A 2 LINE, 16 CHARACTERS PER LINE, BACKLIT ALPHANUMERIC LCD TYPE. INDICATOR SHALL BE EQUIPPED WITH A 10-KEY NUMERIC PAD WITH TACTILE FEEDBACK FOR EASY INPUT OF TARE AND LEVEL ALARM VALUES.

ALL INDICATOR OPERATIONS SHALL BE MENU PROMPTED FOR EASE OF OPERATION. OPERATOR SHALL BE ABLE TO MONITOR CHEMICAL BY WEIGHT, VOLUME OR PERCENT FULL. AN AUTO LOAD FUNCTION SHALL AUTOMATICALLY COMPENSATE FOR TANK TARE WEIGHT DURING TANK CHANGE. EACH CHANNEL SHALL HAVE A USER SELECTABLE, TWO DIGIT SCALE ID NUMBER AND SHALL DISPLAY NET REMAINING, FEED RATE, DAILY USAGE, TOTAL AMOUNT USED, DAYS UNTIL EMPTY, GROSS WEIGHT, AND TARE WEIGHT. A DATA LOG FUNCTION SHALL STORE THE DAILY USAGE FOR EACH OF THE PREVIOUS 10 DAYS.

FULL-SCALE ACCURACY SHALL BE BETTER THAN 1/4 OF 1%. SCALE SHALL BE MODEL NO. DR ____ AND DIGITAL DISPLAY SHALL BE WIZARD 4000 ELECTRONIC INDICATOR MANUFACTURED BY FORCE FLOW EQUIPMENT, 1150-D BURNETT AVE., CONCORD, CA 94520 USA OR EQUAL.

OPTIONAL FEATURES

EACH CHANNEL (SCALE) SHALL HAVE AN INDEPENDENT ADJUSTABLE 4-20MA OUTPUT SIGNAL (NET WEIGHT OR FEED RATE).

EACH WIZARD 4000 SHALL HAVE ____ (UP TO 4) LOW-LEVEL ALARM RELAY(S) WITH MENU ADJUSTABLE SETPOINTS.

A REPORT PRINTING FUNCTION SHALL AUTOMATICALLY SEND DATA TO A REMOTE PRINTER VIA AN RS232 OR RS485 PORT.



THE ELECTRONIC CHLOR-SCALE CAN ALSO BE USED WITH OUR SINGLE OR DUAL CHANNEL SOLO® 1000 DIGITAL INDICATOR. FOR MORE INFORMATION ON THE SOLO 1000, PLEASE SEE BULLETIN 513.

FOR MORE INFORMATION ON THE WIZARD 4000, SEE BULLETIN 400.

ALL SPECIFICATIONS ARE AVAILABLE IN ELECTRONIC FORMAT UPON REQUEST.

