

**CHEMICAL MONITORING & CONTROL**

**WEIGHING SCALES**

**LEVEL SENSORS**

**DILUTION SYSTEMS**

**FORCE FLOW**

# CHEMICAL MONITORING & CONTROL



## INDICATORS



**WIZARD 4000 ADVANCED INDICATOR**

POWERFUL SOFTWARE ALLOWS YOU TO MONITOR USAGES, FEED RATES AND REMAINING CHEMICALS ON UP TO 4 SEPARATE TANKS. REMOTE MONITORING VIA 4-20MA OR RS232/RS485 AND UP TO 12 RELAYS FOR LEVEL AND RATE ALARMS.



**SOLO G2® ELECTRONIC INDICATOR**

ECONOMICAL AND SIMPLE TO OPERATE, THIS INDICATOR FEATURES EASY KEYPAD NAVIGATION AND DATA ENTRY, A HIGH RESOLUTION DIGITAL DISPLAY AND STANDARD 4-20MA OUTPUTS. SINGLE OR DUAL CHANNEL MODELS



**HYPO TRAK® MONITORING SYSTEM**

PERFECT FOR SODIUM HYPOCHLORITE FEED APPLICATIONS. SEE AMOUNT FED, WARN OF VAPOR LOCKED METERING PUMPS, AND MONITORING STRENGTH DEGRADATION.

## APPLICATIONS



**VOLUMETRIC FEEDER SCALE**

PROVIDES LOSS-IN-WEIGHT MEASUREMENT WHEN FEEDING DRY CHEMICALS, SUCH AS POSTASSIUM PERMANGANATE, POWDER ACTIVATED CARBON, DRY POLYMER, DRY FLUORIDE, CALCIUM HYPOCHLORITE AND BISULFITE.

BULLETIN 405



**CHLOR-SCALE® 150**

OFFERS AN EASY AND ACCURATE WAY TO MONITOR CHLORINE, SO<sub>2</sub>, AND AMMONIA CYLINDERS. SOLID PVC PLATFORMS WILL NEVER CORRODE!

BULLETINS 204, 207, 514



**CHLOR-SCALE®**

SAFE AND RELIABLE WEIGHING SYSTEMS FOR TON CONTAINERS OF CHLORINE AND SO<sub>2</sub>. MODELS FOR UP TO 6 CONTAINERS.

BULLETINS 202, 203, 401, 402, 408

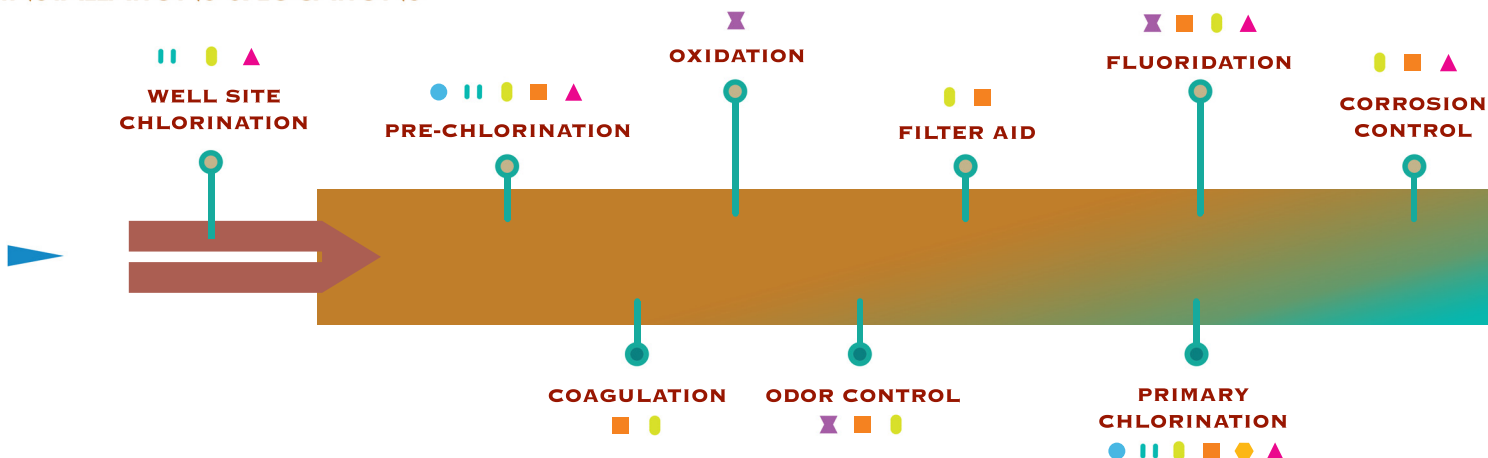


**DRUM-SCALE™ & CARBOY-SCALE™**

LOW PROFILE PLATFORM ALLOWS EASY LOADING OF 5 TO 55 GALLON DRUMS. USE WITH HYPOCHLORITE, FLUORIDE, POLYMER AND ORTHOPHOSPHATE DRUMS.

BULLETINS 205, 403, 514, 512, 410

## INSTALLATIONS & LOCATIONS



**LEVEL**

**USAGE**

**FEED RATE**



**SOLO® XT DIGITAL INDICATOR**

WHEN LINE VOLTAGE IS UNAVAILABLE, CROSS TECHNOLOGY™ BLENDS THE RUGGED HYDRAULIC LOAD CELL WITH AN EASY TO USE BATTERY OR LOOP POWERED DIGITAL INDICATOR. ALARM RELAY AND 4-20MA OUTPUT OPTIONS.



**CENTURY® HYDRAULIC DIAL INDICATOR**

THE CENTURY DIAL OPERATES HYDRAULICALLY REQUIRING NO POWER. IT IS IMMUNE TO LIGHTNING, EMI AND RFI AND IS SIMPLE TO INSTALL OPERATE AND MAINTAIN.



**MERLIN® CHEMICAL DILUTION SYSTEM**

AUTOMATED ONSITE DILUTION OF SODIUM HYPOCHLORITE, CAUSTIC, AND OTHER CHEMICALS. ANY STRENGTH AT THE TOUCH OF A BUTTON. DILUTES AS CHEMICAL IS NEEDED OR COMPLETE LOAD AT TIME OF DELIVERY.



**PROCELL® LOAD SENSORS**

MONITOR BULK STORAGE TANKS, HOPPERS AND SILOS. APPLICATIONS INCLUDE CHLORINE, SULFUR DIOXIDE, AMMONIA, LIME AND CARBON.

BULLETINS 207, 406



**CHEM-SCALE™ & TOTE BIN SCALE**

HEAVY-DUTY PLATFORM DESIGN SAFELY SUPPORTS AND RESTRAINS TANKS. FOR DAY TANKS UP TO 500 GALLONS. FOR DAY TANKS UP TO 500 GALLONS. SODIUM HYPOCHLORITE, FLUORIDE, CAUSTIC, ALUM AND POLYMER

BULLETINS 206, 404, 411



**ULTRASONIC ECHO-SCALE™**

PROVIDES CHEMICAL MONITORING ON LARGE TANKS THAT DON'T FIT ON A SCALE PLATFORM. USE STAND-ALONE OR COMBINE WITH OUR WIZARD® OR SOLO® INDICATORS.

BULLETIN 510



**DOCUMENT YOUR CHEMICAL INVENTORY AND USAGE**

SATISFY GOVERNMENT RECORD KEEPING REQUIREMENTS



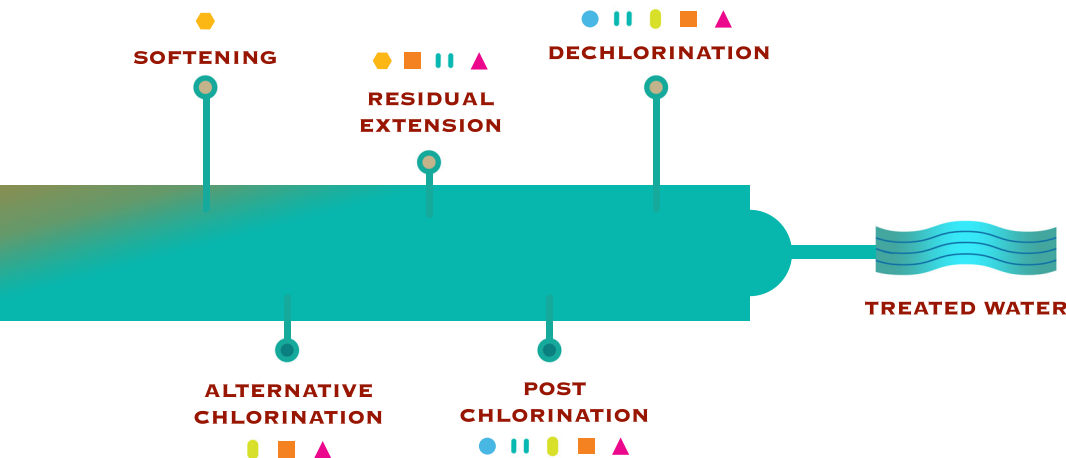
**WARN OF DANGEROUS HIGH FEED, LOW FEED AND NO FEED CONDITIONS**

REDUCE OPERATOR EXPOSURE TO CHEMICALS WITH REMOTE MONITORING



**NEVER RUN OUT OF CHEMICAL AGAIN**

ACCURATELY ANTICIPATE CHEMICAL RE-ORDER POINTS



# SYSTEM COMPATIBILITY GUIDE



## COMMITTED TO CUSTOMER SERVICE AND PRODUCT SUPPORT


FROM THE INITIAL WRITING OF A SPECIFICATION THROUGH THE INSTALLATION AND OPERATION OF THE EQUIPMENT, 100% SATISFACTION IS OUR GOAL. AT FORCE FLOW, WE KNOW THAT A SUPERIOR CUSTOMER SERVICE AND SUPPORT TEAM IS CRUCIAL TO THE SUCCESS OF OUR COMPANY

## SERVICE

OUR POLICY IS TO GET ALL REPAIRS, WARRANTY WORK AND RETROFITS COMPLETED AND SHIPPED WITHIN 48 HOURS OF THEIR ARRIVAL AT THE FACTORY. TRAINED TECHNICIANS AND A LARGE PARTS INVENTORY MAKE THIS HAPPEN. WE UNDERSTAND THAT THERE IS NOTHING MORE FRUSTRATING THAN SENDING SOMETHING BACK TO THE MANUFACTURER AND WONDERING WHEN YOU WILL SEE IT AGAIN. TWO DAY TURNAROUND--THAT IS OUR POLICY! FOR PROMPT SERVICE, CALL OUR TOLL FREE HELP HOTLINE AT (800) 893-6723.

## TECHNICAL & APPLICATION SUPPORT

FORCE FLOW FACTORY ENGINEERS HAVE STRONG TECHNICAL BACKGROUNDS WITH MANY YEARS OF PROCESS WEIGHING EXPERIENCE IN BOTH CHLORINE AND CHEMICAL FEED APPLICATIONS. IF YOU REQUIRE TECHNICAL INFORMATION, APPLICATION SUPPORT OR HELP WITH A CUSTOM PROJECT, PLEASE CONTACT AN APPLICATION ENGINEER ON OUR HELP HOTLINE (800) 893 6723

		WIZARD 4000	SOLO G2	HYPO TRAK	SOLO XT	CENTURY
	<b>CHLOR-SCALE FOR TON CONTAINERS</b>	✓	✓		✓	✓
<b>CAPACITIES FOR UP TO</b>	<b>6 TANKS</b>					
	<b>CHLOR-SCALE FOR CYLINDERS</b>	✓	✓		✓	✓
<b>CHEM-SCALE &amp; TOTE BIN SCALE</b>	<b>20,000 LBS.</b>	✓	✓	✓	✓	✓
	<b>DRUM-SCALE</b>	✓	✓	✓	✓	✓
<b>1000 LBS.</b>						
	<b>CARBOY SCALE</b>	✓	✓	✓	✓	✓
<b>600 LBS.</b>						
	<b>PROCELL</b>	✓	✓			✓
<b>100,000 LBS.</b>						
	<b>ECHO-SCALE</b>	✓	✓	✓		
<b>20 FT.</b>						
	<b>FEEDER SCALE</b>	✓	✓		✓	✓
<b>3,000 LBS.</b>						
<b>OPTIONS</b>	<b>CHANNELS</b>	UP TO 4	1 OR 2	1	1	1
	<b>4- 20 MA OUTPUTS</b>	UP TO 4	1 OR 2	2	1	1
	<b>LEVEL ALARM SETPOINTS</b>	UP TO 12	UP TO 4	4	1	1



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