

BATTERY POWERED DIGITAL WEIGHT INDICATOR



+ NO AC POWER NEEDED

+ 4-20MA OUTPUT FOR
REMOTE MONITORING

+ LEVEL ALARM
OUTPUT RELAY

+ LARGE DIGITAL
DISPLAY

THE SOLO® XT WEIGHT INDICATOR FROM FORCE FLOW NOW FEATURES KEYPAD CONTROL, BATTERY BACKUP FOR THE 4-20MA OUTPUT MODEL, A BAR GRAPH DISPLAY AND A LEVEL ALARM RELAY. COMBINE THE SOLO XT WITH OUR CHEMICAL MONITORING SCALES TO ACCURATELY TRACK CHEMICAL USAGE AND REMAINING AMOUNTS.

THE SOLO XT USES OUR PROVEN DURABLE HYDRAULIC LOAD CELL FOR WEIGHT SENSING AND HAS A BATTERY POWERED DISPLAY SO NO AC POWER IS REQUIRED. THIS ELIMINATES THE NEED FOR A COSTLY ELECTRICIAN DURING INSTALLATION AND SCALE LIFE IS MAXIMIZED SINCE NO ELECTRONIC COMPONENTS ARE LOCATED ON THE FLOOR.

TWO STANDARD C CELL FLASHLIGHT BATTERIES POWER THE SOLO XT FOR UP TO 4000 HOURS WHEN USED IN CONTINUOUS DISPLAY MODE. IN ORDER TO FURTHER EXTEND BATTERY LIFE, THE

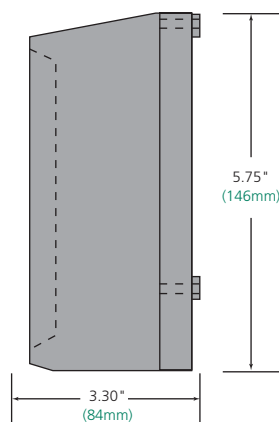
LCD DISPLAY CAN BE ACTIVATED BY THE ON/OFF BUTTON. ONCE ACTIVATED, THE DISPLAY AUTOMATICALLY POWERS DOWN AFTER A USER SELECTED AMOUNT OF TIME OR CAN BE INSTANTLY SHUT OFF BY PRESSING THE BUTTON AGAIN. IN THIS DISPLAY-ON-DEMAND™ MODE, THE BATTERIES WILL LAST UP TO THREE YEARS. THE DISPLAY ON THE 4-20MA MODEL REMAINS ON CONTINUOUSLY, POWERED BY THE 12 TO 36 VOLT DC LOOP WITH THE BATTERIES ACTING AS AN AUTOMATIC BACKUP IF LOOP POWER IS UNAVAILABLE.

THE SOLO XT CAN BE USED WITH MOST FORCE FLOW SCALES AND CAN EASILY REPLACE AN EXISTING CENTURY HYDRAULIC DIAL TO CREATE A DIGITAL SCALE SYSTEM.

FORCE FLOW

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SOLO® XT Weight Indicator with Cross Technology™



DIMENSIONS: INCHES (MILLIMETERS)

SEE BULLETINS 204, 205 & 512 FOR PLATFORM DIMENSIONS

SOLO XT – BATTERY POWERED					TECHNICAL DATA
MODEL NUMBER		DESCRIPTION			CHANNELS • ONE RESOLUTION • USER SELECTABLE: 0.1 OR 1.0 POWER • TWO (2) C CELL BATTERIES ENCLOSURE • NEMA 4X POLYPROPYLENE INPUT • HYDRAULIC LOAD CELL DISPLAY • 0.8" CHARACTERS • 5 DIGIT • NET WT, TARE WT, GROSS WT, BAR GRAPH TARE ADJUSTMENT • ENTER TARE WT OR ENTER NET WT OUTPUTS • 4-20MA FOR REMOTE MONITORING • 1.0A LEVEL ALARM OR SETPOINT RELAY
STANDARD METRIC CYLINDER SCALES					
XT150-1	XT100K-1	SINGLE CYLINDER SCALE FOR 150 LB. CHLORINE & SO2 CYLINDERS			
XT150-2	XT100K-2	DUAL CYLINDER SCALE FOR 150 LB. CHLORINE & SO2 CYLINDERS			
XT400AS	XT200KAS	SINGLE CYLINDER SCALE FOR 150 LB. AMMONIA CYLINDERS			
CARBOY-SCALES™		CAPACITY	TANK DIAMETER	PLATFORM MATERIAL	
XT200	XT100K	200 LB (100KG)	8"-16" (200-400MM)	PVC W/ TUF-COAT™	
XT400	XT200K	400 LB (200KG)	14"-19" (355-485MM)	PVC W/ TUF-COAT™	
XT600	XT300K	600 LB (300KG)	18"-24" (460-610MM)	PVC W/ TUF-COAT™	
DRUMM-SCALE™					
XT10DS	XT5KDS	1000 LBS (500 KG)	18"-24" (460-610MM)	WELDED STEEL W/ TUF-COAT™	
4-20MA OUTPUT MODELS		LOOP POWERED W/ BATTERY BACKUP ADD THE LETTERS “MA” TO THE END OF THE MODEL NUMBERS ABOVE. EXAMPLE: XT600MA			
LEVEL ALARM RELAY MODELS		INCLUDES 4-20MA OUTPUT & BATTERY BACKUP ADD THE LETTERS “MAR” TO THE END OF THE MODEL NUMBERS ABOVE. EXAMPLE: XT150-1MAR			
THE SOLO-XT CAN ALSO BE USED WITH CHEM-SCALES TO MONITOR LARGER DAY TANKS AND CHLOR-SCALES FOR CHLORINE TON CONTAINERS. CONTACT FACTORY FOR MODEL NUMBERS.					
TYPICAL SPECIFICATION FOR DIGITAL SCALE					
A QUANTITY OF _____ SCALES (CYLINDER, CARBOY OR DRUM) SHALL BE PROVIDED AND SHALL BE OF THE DIGITAL READOUT/HYDRAULIC LOAD CELL TYPE. FOR REDUNDANCY, EACH WEIGHING PLATFORM SHALL HAVE A SOLE AND SEPARATE WEIGHT INDICATOR WITH NO SHARED INTERNAL COMPONENTS. SCALE PLATFORM COATING SYSTEM SHALL BE A MINIMUM DRY THICKNESS OF 80 MILS AND BE RESISTANT TO MOISTURE, CHEMICALS, ABRASION, IMPACT AND UV LIGHT. SCALE SHALL BE OF THE SINGLE HYDRAULIC LOAD CELL DESIGN. LOAD CELL SHALL BE OF THE TEMPERATURE STABLE, ROLLING DIAPHRAGM TYPE. FLEXIBLE TUBING SHALL CONNECT LOAD CELL TO INDICATOR TO ALLOW EASY REMOTE INSTALLATION OF THE DIGITAL INDICATOR. TUBING LENGTH SHALL BE _____ FT. (METERS) (6' CARBOY/CYLINDER OR 5' DRUM STANDARD) IN LENGTH.					
INDICATOR SHALL UTILIZE CROSS TECHNOLOGY™ TO CONVERT THE HYDRAULIC LOAD CELL SIGNAL INTO A DIGITALLY DISPLAYED WEIGHT VALUE. INDICATOR SHALL BE BATTERY OPERATED AND SHALL NOT RELY ON ANY TYPE OF EXTERNAL POWER FOR DISPLAY OPERATION. BATTERIES SHALL PROVIDE APPROXIMATELY 4000 HOURS OF DISPLAY TIME. INDICATOR SHALL BE HOUSED IN A NEMA 4X ENCLOSURE WITH 6 FUNCTION KEYS FOR INDICATOR OPERATION. NET WEIGHT SHALL BE DISPLAYED IN TWO WAYS: A NUMERICAL DISPLAY WITH .81 INCH HIGH CHARACTERS AND AN ANALOG 0-100% BAR GRAPH DISPLAY. A THIRD DISPLAY LINE SHALL PROMPT THE USER THROUGH ROUTINE USER OPERATIONS.					
USER SHALL BE ABLE TO SET THE NET WEIGHT EITHER BY SCROLLING IN THE NET CHEMICAL WEIGHT, OR SCROLLING IN THE TANK TARE WEIGHT. A MENU KEY SHALL PROVIDE ACCESS TO THE FOLLOWING 5 FUNCTIONS: 1) ZERO INDICATOR, 2) SET BAR GRAPH & 4-20 MA CAPACITY, 3) SET DISPLAY AUTO-OFF TIME, 4) SET ALARM RELAY VALUES AND 5) SET DECIMAL POINT.					
FULL SCALE ACCURACY SHALL BE BETTER THAN 1%. SCALE SHALL HAVE TUF-COAT™ COATING SYSTEM AND SOLO® XT DIGITAL DISPLAY INDICATOR, MODEL XT_____ AS MANUFACTURED BY FORCE FLOW, 1150-D BURNETT AVENUE, CONCORD, CA 94520 USA (WWW.FORCEFLOW.COM), OR EQUAL.					
TYPICAL SPECIFICATIONS, DRAWINGS AND BROCHURES CAN BE DOWNLOADED FROM OUR EXTENSIVE WEBSITE AT WWW.FORCEFLOW.COM					
4-20 MA ANALOG OUTPUT					
INDICATOR SHALL HAVE A LOOP-POWERED (12-36 VOLTS DC BY OTHERS) 4-20 MA OUTPUT PROPORTIONAL TO NET WEIGHT. AN 18 INCH FLYING LEAD SHALL BE PROVIDED FOR TERMINATION IN A USER SUPPLIED JUNCTION BOX.					
LEVEL ALARM RELAY					
INDICATOR SHALL HAVE A 1.0 AMP LEVEL ALARM SET POINT THAT CAN BE CONFIGURED FOR EITHER A HIGH OR LOW LEVEL ALARM CONDITION. AN 18 INCH FLYING LEAD SHALL BE PROVIDED FOR TERMINATION IN A USER SUPPLIED JUNCTION BOX.					
SCALE SHALL CARRY A FULL FIVE (5) YEAR WARRANTY. “LIMITED” WARRANTIES SHALL BE CONSIDERED UNACCEPTABLE.					
 WWW.FORCEFLOW.COM					

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