

Electronic Liquid Weigher Type AC

Superior reliability and accuracy through precision load cell, visual verification.



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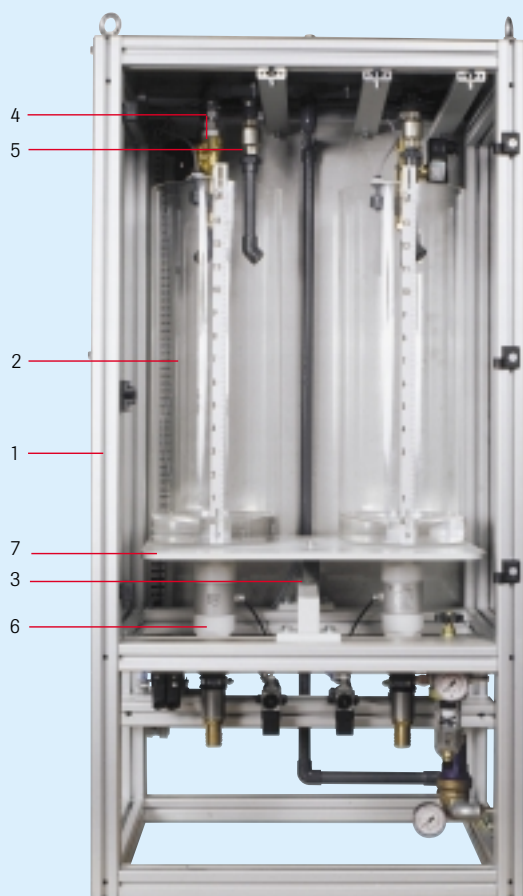


WÜRSCHUM

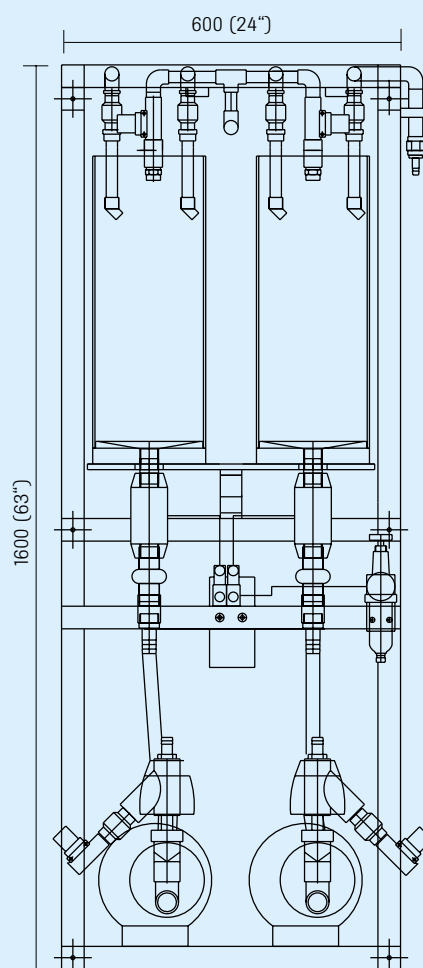
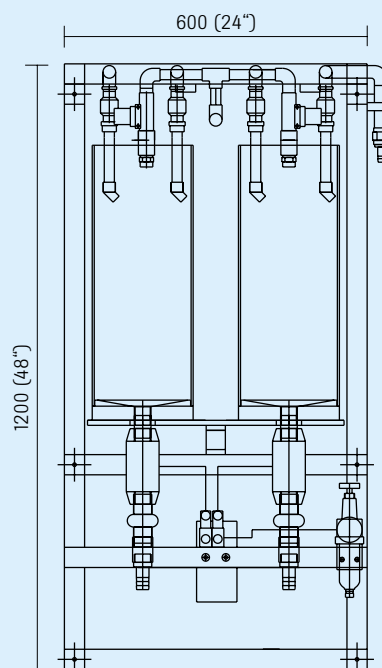


Electronic Liquid Weighers Type AC

Acryl glass version in protective cabinet



- 1 Protective cabinet with window
- 2 Acryl glass cylinder scale for visual control
- 3 Load cell
- 4 Rinsing valve with spray nozzle
- 5 2 Filling check valves per weighbin (max. 4)
- 6 Discharge pinch valve with pressure switch
- 7 Platform for calibration weights



Models and specifications

Type	AC 5	AC 15	AC 30	AC 5/5 ^s	AC 5/15	AC 15/15 ^s	AC 5/30	AC 15/30	AC 30/30	AC 5/5/5	AC 5/15/5	AC 5/15/30	AC 15/15/15	AC 15/30/15
Beh.-Volumen Liter Weighbin volume gal	5 1.3	15 4.0	30 8.0	5/5 1.3/1.3	5/15 1.3/4	15/15 4/4	5/30 1.3/8	15/30 4/8	30/30 8/8	5/5/5 1.3/1.3/1.3	5/15/5 1.3/4/1.3	5/15/30 1.3/4/8	15/15/15 4/4/4	15/30/15 4/8/4
Wiegebereich ¹ kg Weighing range ¹ lbs	0,25-5 0.5-10	0,5-15 1-30	1-30 2-60	0,5-10 1-20	0,5-20 1-40	0,5-30 1-60	1-35 2-70	1-45 2-90	1-60 2-120	0,5-15 1-30	0,5-25 1-50	1-50 2-100	1-45 2-90	1-60 2-120
Kleinste Wiegeeinheit ² g Minimum unit ² lbs	5 0.01	10 0.02	10 0.02	10 0.02	10 0.02	10 0.02	20 0.04	20 0.04	20 0.04	10 0.02	10 0.02	20 0.04	20 0.04	20 0.04
Schrankgröße ³ Cabinet size ³	A	A	A	A	A	A	A	A	B	A	A	B	B	B
Wägezelle ⁴ kg Load cell ⁴ kg	20	50	50	50	50	50	100	100	100	50	50	100	100	100
Taragewicht kg Taraweight kg	9	10	12	15	16	18	18	20	22	21	23	26	26	28
Gesamtgewicht kg ca. ohne Pumpen Total weight kg approx. without pumps	80	80	90	90	90	90	120	120	130	90	90	130	140	150
Gesamtgewicht kg ca. mit Pumpen Total weight kg approx. with pumps	160	160	170	180	180	190	220	230	240	210	210	250	250	270

¹ The minimum weighing range is determined by the size of filling pump used, little vibration and control with automated inflight correction

² These values are the technical specifications of the load cell

³ Cabinet size:

	width	depth	height without discharge pump	height with discharge pump	
A	600 (24")	450 (18")	1200 (48")	1600 (63")	More weigher types on request
B	800 (32")	550 (22")	1200 (48")	1600 (63")	

⁴ Load cell: 3000 divisions, supply voltage 0,5-12 V, sensitivity 2 mv/V, minimum scale interval 0,009%, metering accuracy $\pm 0,1\%$ relative to max. weight

⁵ Preferred type AC 15/15

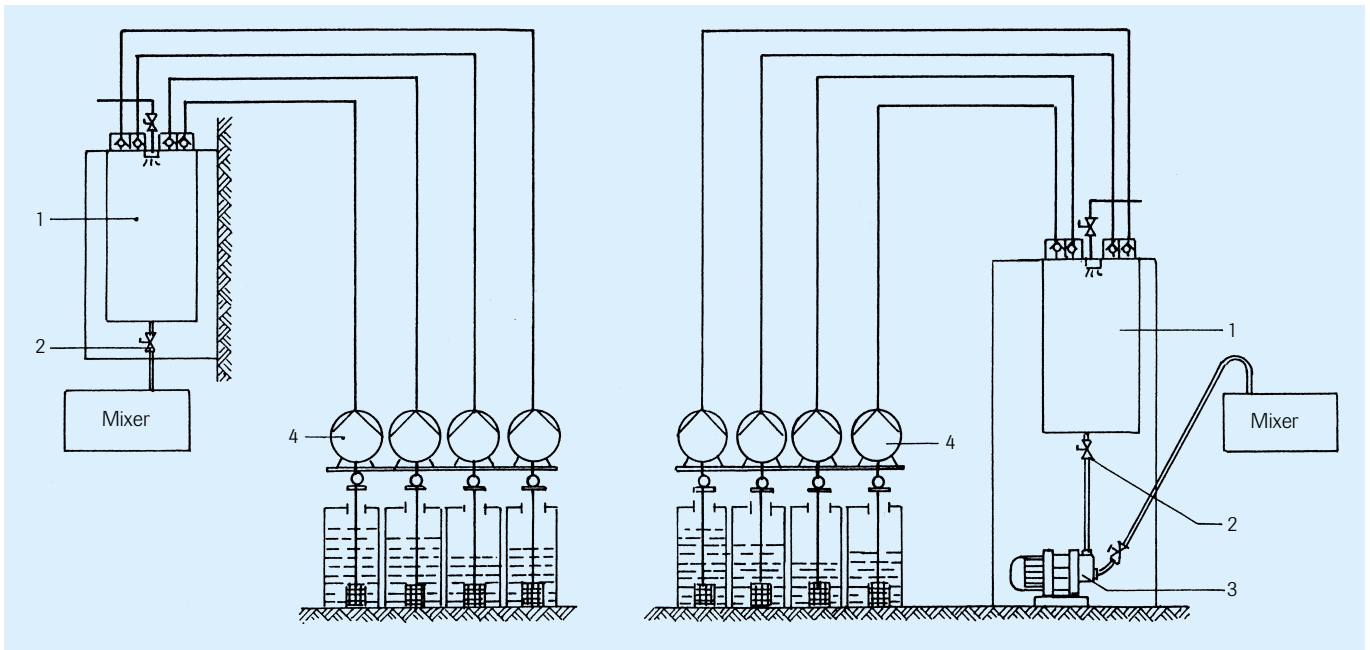
Weighbin	Filling pumps		Discharge pumps		Pressure hose
Volume Liter (gal)	Type	l/min (gpm)	Type	l/min (gpm)	NW
5 l (1.3)	ZD 12 VBy	6-12 (1.5-3)	ZD 18 VE/SV	18 (4.8)	12 (1/2")
15 l (4.0)	ZD 24 VBy	12-24 (3-6)	ZD 36 VE/SV	36 (9.5)	18 (3/4")
30 l (8.0)	ZD 36 VBy	18-36 (1.8-9.5)	Z 60 E/SV	60 (16)	18 (3/4")

Accessories

- Pneum. calibration device for automatic weight check
- Diverter into mixer 1 and 2
- Limit switch for overflow protection
- Air injection into discharge line
- Intermediate cylinder to collect several batches for one truckmixer quantity
- Stainless steel spray nozzle into mixer

Electronic Liquid Weigher Type AC

Gravity discharge or pump discharge



- 1 Weigher in protective cabinet
- 2 Discharge valve

- 3 Discharge pump
- 4 Filling gear pump

Operating description

Basic principle is to have an electronic liquid weigher with weighing cylinders made of acryl glass or stainless steel, resistant to aggressive chemical admixtures, enclosed in a protective cabinet with a window. Weighing cylinders with 5, 15 or 30 liters can be combined as desired. Weighing cylinders are mounted on a rigid frame with one load cell. Discharge is achieved by gravity or by discharge pumps. Each weighing cylinder is equipped with two admixture connections, with provisions for up to four connections per cylinder.

Advantages

- Acryl glass weighing cylinder scale for visual control
- Optional stainless steel cylinders are resistant to aggressive chemical admixtures
- Many combinations of weighing cylinders, available sizes 5 l - 15 l - 30 l, (1.3 - 4.0 - 8.0 gal)
- Each weighing cylinder may be discharged and rinsed individually
- Weigher is not sensitive to vibrations
- Precise metering accuracy of $\pm 0.1\%$ max. weight
- Easy calibrating with platform for weights



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