

PMA.Power (Model PMA35001-X)

For use in Zone 1 hazardous area

Paint Mixing Scales



- Large 14-segment display can be arranged in any way on the table or at the wall (cable length 1.8m)
- Housing resistant to solvents and a stainless steel weighing pan, removable
- Correction of formulation over-pours
- Calculation by factor function (0.5 – 25.0)
- Display lock function | communication symbol
- Integrated hardware test

Technical Specification

Weighing capacity	35000 g
Readability	0,1 g
Tare range (subtractive)	-35000 g
Load plate dimensions	350 x 240 mm 13.8 x 9.4 inch
Scale housing (WxDxH)	350 x 243 x 132,5 mm 13.8 x 9.6 x 5.2 inch
Weight	approx. 11.4 kg 25.1 lbs
External calibration weight	10 kg (accuracy class F2 or better)
Allowable operating temperature	0 ... +40 °C +32 ... 104 °F
Power consumption	Typical 8 VA, max. 16 VA
Mains Connection	100 – 240 V~
Voltage frequency	50 – 60 Hz
Approval	Ex zone 1 Class I, Div 1
IECEX	Ex ia IIC T4 Gb (IECEX DEK 12.0056 X)
ATEX	II 2G Ex ia IIC T4 Gb (DEKRA 12ATEX0180 X)
FM (USA)	IS CL I, DIV 1, ABCD T4 CL I, Zone 1, AEx ia IIC T4
FM (CAN)	IS CL I, DIV 1, ABCD T4 CL I, Zone 1, Ex ia IIC T4
Data interface interface port	RS232 9 pin
Format	7-bit ASCII, 1 start bit, 1 or 2 stop bits
Parity	Even, odd, none
Transmission rates	1200 to 38,400 bps
Handshake	Software or Hardware

Standard equipment

Bracket for wall mounting	69CW0388
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Optional equipment

Power supply for use inside the hazardous area FM certified for USA	YPS02-XUR
Power supply for use inside the hazardous area CSA certified for Canada	YPS02-XKR
Power supply for use outside the hazardous area FM certified for USA and Canada	YPS02-ZKR
Power supply for use inside the hazardous area ATEX certified for Europe	YPSC01-X
Power supply for use outside the hazardous area ATEX certified for Europe	YPSC01-Z
Power limiting unit for direct communication (RS232) PC to scale xx = different cable length available (8 m, 15 m, 30 m) (26 ft., 49 ft., 98 ft.)	YELU01-ZMxx
In-use cover for display	YDC01PMA
External calibration weight 10 kg (class F2)	YCW624-AC-00
External calibration weight 10 kg (class F2), with DAKKS certificate	YCW624-AC-02

Technical Drawing

