



Fulfills various needs in the field of weighing, from simple level setpoint to complicated batching procedures

24-bit A/D converter

Fiscal memory up to 160.000 weighings -option-

Totalisation of dosed weights according to recipe and component

RS422/485 and RS232 serial outputs with ASCII protocols and/or Modbus RTU

Profibus-DP, DeviceNet and Ethernet optional

50 different recipes can be stored and automatically printed

TECHNICAL CHARACTERISTICS MC 302 batch

Trasducer input voltage:	5 V (max 8 load cells 350 Ohm in parallel)
Measuring range:	-3.9 ÷ +3.9 mV/V
Input sensitivity:	0.02 µV/ per count
Linearity:	<0.01% of full scale
Gain drift:	<0.0003% full scale/ °C
A/D Converter:	24 bit
Visible resolution:	600.000 divisions displayed on net weight
Filter:	0.2 ÷ 50 Hz adjustable. 100 Hz during dosage
Tool voltage:	230 Vac ±10% - 50/60 Hz absorbed power 7 VA (115 Vac on demand)
Temperature range:	-10 ÷ +50°C
Storage temperature:	-20 ÷ +70°C
Logic output:	6 relays (NA) MAX 115 Vac /30 Vdc 0.5 A cad.
Logic input:	8 optoisolated 12 / 24 Vdc PNP
Serial door:	COM1: RS232 half duplex COM2: RS422/RS485 half duplex
Transmission distance:	15m (RS232C), 1000m (RS422 and RS485)
FIELDBUS protocol:	ASCII, Modbus RTU
Baud rate:	1200 ÷ 115200 adjustable
Regulatory compliance:	EN45501 for Metrological Norms EN50081-1 and EN50082-2 EMC EN61010-1 for Electrical Safety
Dimensions:	144 x 72 x 120 mm (L x H x D)
Optional dosage software:	up to 12 components with external module with 8 relays aggregation of component values ??and recipe. Management and inventory control Max 50 programmable recipes
Fiscal optional memory:	> 160.000 weighed
Analog optional output:	Optoisolated 16-Bit Voltage: 0 to 5 or 0 to 10V (R> 10 Ohms); Current: 0 to 20 or 4 ÷ 20mA (R <300 Ohms); Linearity 0.03% of full scale; Temperature drift 0.001% of full scale / °C
FIELDBUS optional protocol:	Profibus DP, DeviceNet and ETHERNET TCP-IP external mounting on DIN guide



