



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

Production of special software

24-bit A/D converter

Fiscal memory up to 160.000 weighings -option-

Totalisation of dosed weights according to recipe and component

RS232 serial outputs with ASCII protocols and/or Modbus RTU

Profibus-DP

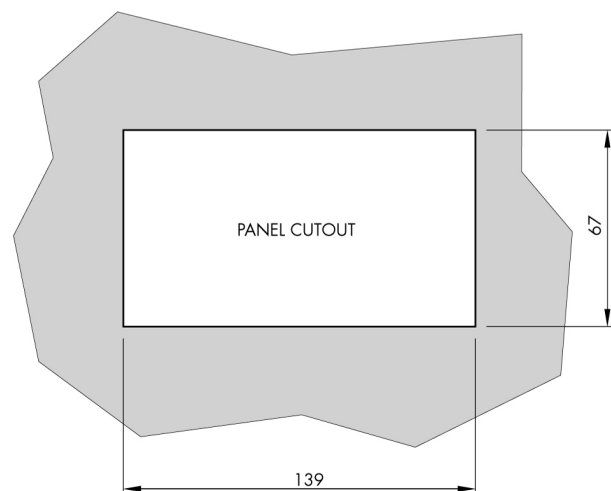
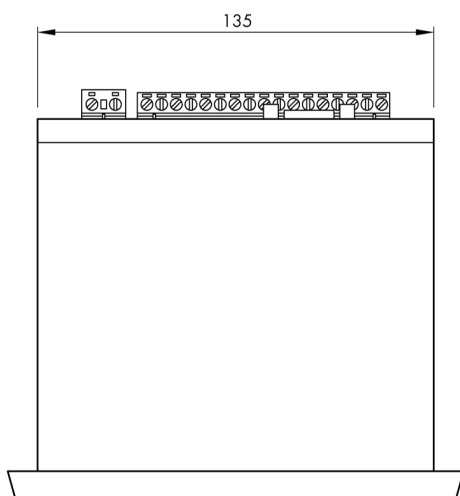
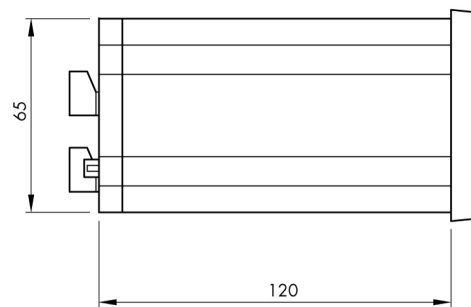
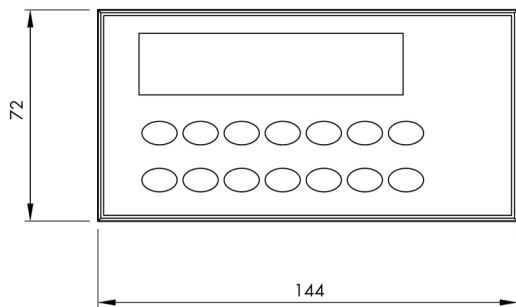
50 different recipes can be stored and automatically printed

Upload and download function for programming by TESTER 1006

TECHNICAL CHARACTERISTICS MC 302/PROFIBUS

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
Internal resolution:	> 16.000.000 counts
Visible resolution:	600.000 divisions displayed on net weight
Divisions value (adjustable):	x1, x2, x5
Set decimal:	0.0 ; 0.00 ; 0.000; 0.0000
Filter:	0.2 ÷ 50 Hz. 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)
Protocol:	ASCII, Modbus RTU
Baud rate:	1200 ÷ 115200 adjustable
Regulatory compliance:	EN4501 for Metrological Norms EN50081-1 and EN50082-2 EMC EN61010-1 for Electrical Safety
Fiscal optional memory:	> 160.000 weighed
Power supply:	12 to 24 VDC -10% to +15%, 15 VA





SCIGATE AUTOMATION (S) PTE LTD

No.1 Bukit Batok Street 22 #01-01 Singapore 659592

Tel: (65) 6561 0488

Fax: (65) 6562 0588

Email: sales@scigate.com.sg

Web: www.scigate.com.sg

Business Hours: Monday - Friday 8.30am - 6.15pm

