



TREK MODEL 230 TO Q/m METER

Blow-Off Type Charge-to-Mass Ratio(Q/m) Test System



Inside



BLOW-OFF UNIT



Q-METER UNIT

TREK K.K. JAPAN

TREK BLOW-OFF TYPE Q/m METER MODEL230 TO (Specifications)

1	Measurement Type	:	Blow-off
2	Measurement Object	:	Charged Particulate
3	Measurement Range	:	- 0.19999~ 0.19999 μ C
4	Measurement Resolution	:	0.00001 μ C
5	Accuracy	:	\pm 0.1% F.S
6	Blow Pressure Range	:	Suction/Blow 、 1~ 20kPa Blow-off Pressure 、 1~ 100kPa
7	Suction Pressure Range	:	2~ 10kPa (attached external cleaner)
8	Measurement Procedure	:	Put the sample into faraday cage and close Blow-off unit door Then press"START" button and start the measurement Set up measurement time(General,about 2~5s for absorption/blow-off mode) Measurement end when time out Read the data from the display panel Finally,press the "RESET" button and finish the measurement
9	Faraday Cage accessory	:	Suction/Blow-off purpose Faraday Cage 1set
10	Faraday Cage Clean	:	Clean the particle hopper and nozzle regularly
11	Operation pressure	:	Nitrogen gas 0.2MP a~ 0.4MPa
12	Operation Conditions Temperature	:	5~ 35 $^{\circ}$ C
13	Operation Conditions Humidity	:	10~ 85%RH
14	Line Voltage	:	AC100V 50Hz / 60Hz 15A, Single phase with grounding
15	Dimension and Weight	:	Q-METER UNIT: W180 \times H290 \times D440(Without rubber pad)、 Approx 8KG BLOW-OFF UNIT: W300 \times H700 \times D400(Without rubber pad)、 Approx 20KG
16	Data transfer	:	Communicate with PC by USB port and read out data (μ C,presure,vacuum,temperature,humidity)
17	Other	:	External clean tool Control nitrogen pressure by decompress valve (Nitrogen valve: spherical valve..... size: 3/8 Inch)

*1 Recommended electronic balance Mttler-Toledo model ML204

Attention: Please keep your inside environment ventilate when you use nitrogen for avoiding anoxia issue.