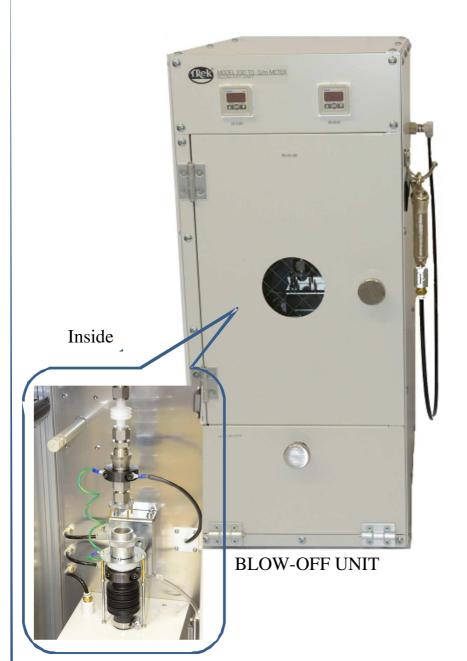


TREK MODEL 230 TO Q/m METER

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





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	: $-0.19999 \sim 0.19999 \mu C$
4	Measurement Resolution	: 0.00001μ C
5	Accuracy	: ±0.1% F.S
6	Blow Pressure Range	: Suction/Blow 、 $1\sim 20 \mathrm{kPa}$
		Blow-off Pressure 、 $1\sim~100$ kPa
7	Suction Pressure Range	: $2\sim 10$ kPa (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 ~ 0.4 MPa
12	Operation Conditions Temperature	: 5∼ 35°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× H290×D440(Without rubber pad)、Approx 8KG
		BLOW-OFF UNIT: W300× H700×D400(Without rubber pad)、 Approx 20KG
16	Data transfer	: Communicate with PC by USB port and read out data
		$(\mu C, pressure, vacuum, temperature, humidity)$
17	Other	: External clean tool
		Control nitrogen pressure by decompress valve
		(Nitrogen valve: spherical valve size: 3/8 Inch)
*1 ·	Decembered of electronic heles - Mul	u Talada madal MI 204

^{*1} Recommended electronic balance Mttler-Toledo model ML204

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