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TECHNOLOGY GROUP

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Data Sheet

Agilent
Trusted Answers

IPCMini
Single Channel
Ion Pump Controller



Innovation at your touch

The IPCMini Ion Pump Controller with intuitive 3.5" touch panel enables powering, control, and monitoring of ion pumps ranging from 0.2 to 500 liters per second, and ensures a completely new user experience.

- Touch Screen
- High current resolution (1nA) for accurate reading in the low pressure range
- New iSTEP voltage function improves start up in the low pressure range
- I/O response time <10 msec
- Front panel USB port for data acquisition
- ¼" Rack
- RS232/485 computer interface

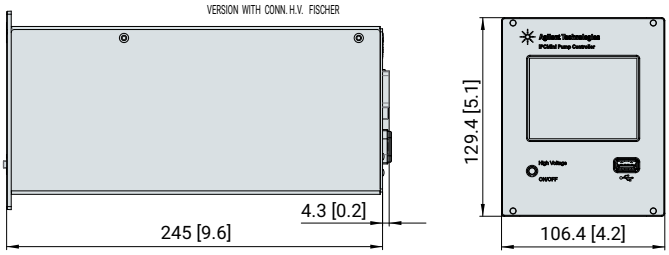
Technical Specifications

Specification		Specification	
Input Voltage	100 - 240 Vac (+/-10 %)	Voltage measurement	Resolution 100 V (+/- 5 %)
Input Frequency	50/60 Hz	Current resolution	1nA
Input Power	160 VA	Ripple noise	20 V
Output HV Voltage	+/- 7000 Vdc +/- 5 %	Weight	1.9 Kg (4.2 lbs)
Output HV Short circuit current	20 mA	Installation Category	II
Output HV Power max	40 W	Max Altitude	2000 m
Operating temperature	0 °C to 45 °C	Pollution Degree	2
Storage temperature	-40 °C to +70 °C	Communications	RS232/485 standard Ethernet optional
Compliance with: EN 61010-1 2010: Safety requirements for electrical equipment for measurement, control and laboratory use EN 61326-1 2013: Electrical equipment for measurement, control and laboratory use - EMC requirements (Cl. A)			

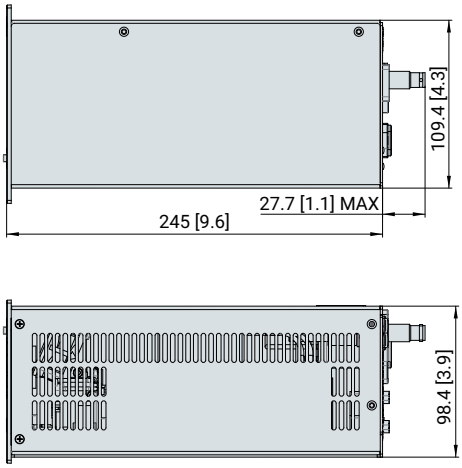
Ordering Information

Controller selection	Part Numbers
IPCMini standard unit	
IPCMini, 110/220V FISCHER HV, NEG	X3602-64000
IPCMini, 110/220V FISCHER HV, POS	X3602-64001
IPCMini, 24 VDC, FISCHER HV, NEG	X3602-64002
IPCMini, 24 VDC, FISCHER HV, POS	X3602-64003
IPCMini, 110/220V KING HV, NEG	X3602-64020
IPCMini, 110/220V KING HV, POS	X3602-64021
IPCMini, 24 VDC, KING HV, NEG	X3602-64022
IPCMini, 24 VDC, KING HV, POS	X3602-64023
IPCMini with Ethernet	
IPCMini, 110/220V FISCHER HV, NEG, ETH	X3602-64010
IPCMini, 110/220V FISCHER HV, POS, ETH	X3602-64011
IPCMini, 24 VDC, FISCHER HV, NEG, ETH	X3602-64012
IPCMini, 24 VDC, FISCHER HV, POS, ETH	X3602-64013
IPCMini, 110/220V KING HV, NEG, ETH	X3602-64030
IPCMini, 110/220V KING HV, POS, ETH	X3602-64031
IPCMini, 24 VDC, KING HV, NEG, ETH	X3602-64032
IPCMini, 24 VDC, KING HV, POS, ETH	X3602-64033
Accessories	
I/O ADAPTER MINIVAC/MICROVAC to IPCMini	X3602-68001
INTERLOCK ADAPTER IPCMini to Safeconn	X3602-68002
RS232 CABLE	X3602-68003
Power cord selection	
Mains cable NEMA Plug. 3 mt (10 ft) long	9699958
Mains cable European Plug. 3 mt (10 ft) long	9699957
Power cord, China plug 10A	8121-0723

Version with Fischer connector



Version with King connector



Dimensions: mm [inches]

High Voltage Cables	Part Numbers
HV CABLE FOR MINIATURE PUMPS, 2.5 METER (8 ft.)	9240122
HV RADIATION RESISTANT CABLE, 4 METER (13ft). Fischer - King	9290706
HV RADIATION RESISTANT CABLE, 4 METER (13ft). Fischer - Fischer	9290705
HV RADIATION RESISTANT CABLE, 7 METER (23 ft.). Fischer - Fischer	9290707
HV RADIATION RESISTANT CABLE, 10 METER (33 ft.). Fischer - Fischer	9290708
HV RADIATION RESISTANT CABLE, 20 METER (66 ft.). Fischer - Fischer	9290709
HV CABLE BAKEABLE, 4 METER (13ft.). StarCell - Fischer	9290710
HV CABLE BAKEABLE, 4 METER (13 ft.), Old Varian - Fischer	9290712
HV CABLE W/O INTERLOCK, SHV, 4 METER (13ft.). SHV - Fischer	9290710M023
HV CABLE W/O INTERLOCK, SHV, 7 METER (23ft.). SHV - Fischer	9290710M024
HV CABLE W/O INTERLOCK, SHV, 10 METER (33ft.). SHV - Fischer	9290710M025
HV CABLE W/O INTERLOCK, SHV, 20 METER (66t.). SHV - Fischer	9290710M024

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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