



**PrismaPro® QMG 250
M2, 1 – 200 u, open ion
source, yttriated
iridium, I/O-option:
Standard**



PrismaPro® QMG 250 M2

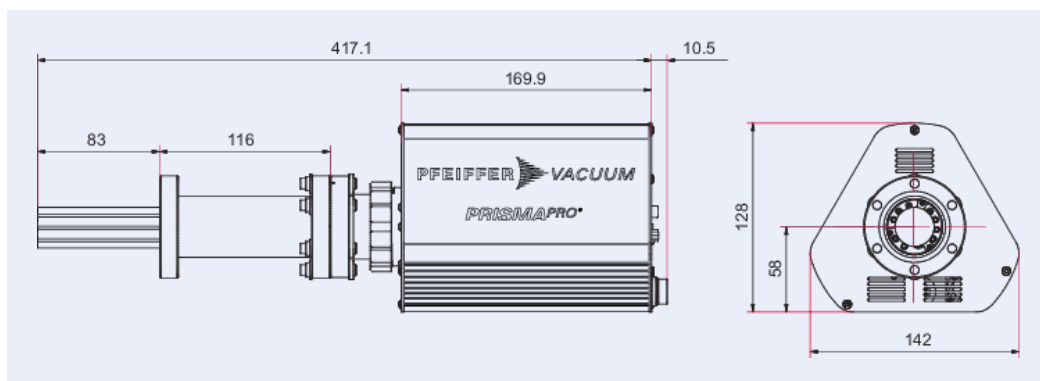


Illustration only

PrismaPro® QMG 250 M2, 1 - 200 u, open ion source, yttriated iridium, I/O-option: Standard

- Pfeiffer MassSpec software for Windows 11 & 10 for recording, saving and displaying measured data
- Leak detection and vacuum diagnosis with a click
- Simple definition of measurement recipes
- Low detection limit

Dimensions



PrismaPro® QMG 250 M2

Technical Data	PrismaPro® QMG 250 M2, 1 – 200 u, open ion source, yttriated iridium, I/O-option: Standard
Ambient temperature: electronics	5 – 50 °C
Input: Analog	1 x ± 10 V / 12 Bit
Ion source	Open, 2 filaments
Sensitivity for Ar: Faraday	$4 \cdot 10^{-4}$ A/hPa
I/O interfaces	Ethernet
Interface: Connection, device side	Standard interface, D-Sub, 15 pins, female
Mass range	1 – 200 u
Mounting orientation	Arbitrary
Temperature: Storage, max	70 °C
Temperature: Storage, min	-25 °C
Measuring speed	1 ms/u - 16 s/u
Input voltage(s)	100 – 240 V AC, 50/60 Hz
Detection limit min.: C-SEM (hPa)	$4 \cdot 10^{-15}$ hPa $3 \cdot 10^{-15}$ Torr $4 \cdot 10^{-15}$ mbar
Peak ratio reproducibility	0.5 %
Contribution to neighboring mass: 40 to 41	20 ppm
Operating pressure max.: Faraday	$5 \cdot 10^{-4}$ hPa $3.75 \cdot 10^{-4}$ Torr $5 \cdot 10^{-4}$ mbar
Bakeout temperature: analyzer	300 °C 572 °F 573.2 K
Operating pressure max.: SEM	$5 \cdot 10^{-5}$ hPa $3.75 \cdot 10^{-5}$ Torr $5 \cdot 10^{-5}$ mbar
Ambient temperature: analyzer	150 °C 302 °F 423.15 K
Rod system: Length	125 mm 4.92 inch
Rod system: Diameter	6 mm 0.24 inch
Operating pressure max.: Faraday	$5 \cdot 10^{-4}$ hPa
Resolution, adjustable at 10 % peak height	0.5 – 2.5 u
Detector	C-SEM Faraday
Operating pressure max.: SEM	$5 \cdot 10^{-5}$ hPa
Input: Digital	2 x 24 V
Weight	3.2 kg
Rod system: Diameter	6 mm
Relay: Number	1 pcs.
Filament	Iridium coated with Y ₂ O ₃
Connection flange (in)	DN 40 CF-F

PrismaPro® QMG 250 M2

Order number	PrismaPro® QMG 250 M2, 1 – 200 u, open ion source, yttriated iridium, I/O-option: Standard
PrismaPro® QMG 250 M2, 1 – 200 u, open ion source, yttriated iridium, I/O-option: Standard	2000007342



伯东企业（上海）有限公司
HAKUTO ENTERPRISES (SHANGHAI) LTD.
TEL: (86) 21-5046 3511

上海伯东 -- 您理想的真空合作伙伴！

伯东公司成立于 1953 年，外企上市企业，全球范围内有一千七百名员工，集团年营业额约为 100亿人民币。

伯东公司在国内主要城市：上海，北京，苏州，广州，深圳，成都及厦门设有营业据点。

上海伯东真空产品事业部已累计为超过 10,000 家企业提供真空服务

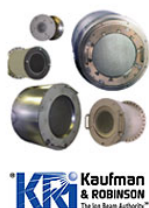
我们致力于追求高品质的服务，为您提供一流的服务及一流产品：

品质保障：国际知名品牌指定授权代理商，所有产品及部件保证 100% 原厂原装进口

现货交期快：部分产品有现货，下单立即发货（现货数量有限，实际情况请联系销售工程师）

卓越维修能力：伯东工程师拥有10年以上维修经验，且受国外专业培训，拥有完全的拆解，维修，校正能力。

完美服务质量：原装进口检测设备全方位寻找问题症结及全方面的性能测试，确保完美的服务质量



伯东企业（上海）有限公司 销售及售后服务中心

上海浦东新区新金桥路1888号36号楼7楼702室

电 话：+86-21-5046-3511 / 139-1883-7267

传 真：+86-21-5046-1490

官 网：<http://www.hakuto-vacuum.cn>

