MS Bench SCI

Modular LC-MS bench system designed exclusively for SCIEX

Part Number : See Reverse Service Kit : See Reverse

PEAK SCIENTIFIC

*Your local **gas generation** partner*

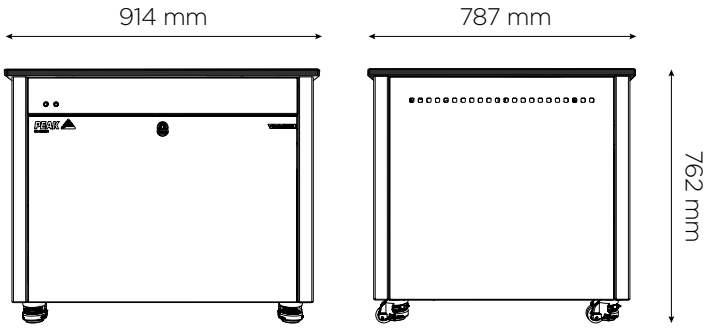
Description

Developed exclusively for SCIEX, the MS Bench SCI range provides a modular workstation with provision for either integrated gas generation or a noise abating enclosure for roughing pumps. MS Bench SCI is designed specifically for use with the current and latest mass spectrometers at SCIEX*.

Two variants of the MS SCI Bench are available, both identical in form factor, aesthetics and work surface. MS Bench (G) SCI features a self-contained gas generator, providing a reliable and cost-efficient source of both nitrogen (Curtain Gas™) and clean, dry oil-free air for source and exhaust gas at flows and pressures configured to meet SCIEX instrument requirements (exluding IVD medical devices). The other variant, the MS Bench SCI, comes without the gas generator, instead providing a compartment below the bench, suitable for housing up to two MS roughing pumps.

Applications

- MS Bench (G) SCI for SCIEX LC-MS instruments (excluding IVD medical device instruments)
- MS Bench SCI for SCIEX LC-MS Instruments (including housing floor-standing Triple TOF vac pump)



Key Features

- Designed exclusively for SCIEX to provide modular bench solution for all SCIEX LC-MS instruments*
- Noise abated compartment suitable for housing vacuum pump(s) (non generator variant only)
- 'Genius Inside': true plug & play gas generation (MS Bench (G) SCI 1 only). No external compressed air source required.
- Noise & vibration dampening, suitable for use as instrumentation bench
- CSA / FCC / CE compliant
- Chemical-resistant phenolic resin worktop
- Self-levelling castor wheels for seamless installation with existing lab bench system

*MS Bench (G) SCI 1 gas output is suitable for all instruments except IVD medical devices, all SCIEX Benchtop MS can be placed on MS Bench SCI 1. Vac Pumps for floor standing Triple TOFs can be placed inside MS Bench SCI 1.

Technical Specifications	MS Bench SCI 1	MS Bench (G) SCI 1
Minimum Operating Ambient Temperature	5°C (41°F)	
Maximum Operating Ambient Temperature	30°C (86°F)	
Curtain Maximum Flow^	N/A	19 L/min @ 4.5 bar (0.67 cfm @ 65 psi)
Source Maximum Flow^		26 L/min @ 6.9 bar (0.92 cfm @ 100 psi)
Exhaust Maximum Flow^		25 L/min @ 4.1 bar (0.88 cfm @ 60 psi)
Particles		<0.01µm
Phthalates		None
Suspended Liquids		None
Fans	8 x Fans	
Electrical Requirements	IO: 85-264 VAC 50/60Hz, 1 Amp	220 - 240v ±10%, 50/60 Hz, 7 Amps
Power Consumption	200VA	1,100VA
Maximum Heat Output	784 BTU/hr	3753 BTU/hr
Noise Level	Noise abating to 54dB(A)	59dB(A)
Usable Compartment Space (H x W x D)	580 x 650 x 470 mm 22.8 x 25.6 x 18.5"	640 x 290 x 680 mm 25.2 x 11.4 x 26.7"
MS Bench Dimensions (H x W x D)	762 x 914 x 787 mm / 30 x 36 x 31"	
MS Bench Weight	103kg (227.1 lbs)	160kg (352.8 lbs)
Max Weight Load	272 kg (599.6 lbs)	215 kg (473.9 lbs)

^NOTE – These performance characteristics are valid only when paired with an approved Sciex application. Please refer to current application matrix for a list of supported products.

Ordering Information		
Part Number	3302382	3302383
Annual Service Complete Maintenance Plan	**visit:** www.peakscientific.com/ordering	

[PEAK Protected]™

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed by a 12 month warranty. Beyond this period however you can ensure that your investment continues to be **[Protected]** by our comprehensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.

Peak Scientific UK
Tel: +44 (0)141 812 8100
Fax: +44 (0)141 812 8200

Peak Scientific North America
Tel: +1 866 647 1649
Fax: +1 978 608 9503

Peak Scientific China
Tel: +86 21 5079 1190
Fax: +86 21 5079 1191
For a full list of our worldwide office locations, please visit:

Web: www.peakscientific.com
Email: discover@peakscientific.com

Peak Scientific's Quality Management System conforms to: ISO:9001:2008

FM 515973

THE QUEEN'S AWARDS FOR ENTERPRISE: 2014

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Product Certifications