Agilent InfinityLab Flex Bench System

Product description

The Agilent InfinityLab Flex Bench system provides an easily adjustable and maneuverable way to configure your Agilent LC system to suit your needs, anywhere in the lab.

The adjustable, sturdy bench provides fast and safe access to instrument components, solvent bottles, pumps, columns, and accessories.

<table>
<thead>
<tr>
<th>Agilent product name</th>
<th>InfinityLab Flex Bench system</th>
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<tbody>
<tr>
<td>Agilent part numbers</td>
<td>5043-1252 InfinityLab Flex Bench system</td>
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<tr>
<td></td>
<td>5043-1759 InfinityLab Flex Bench system with power strip (only available in US, Canada, and Western Europe)</td>
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Intended use

The InfinityLab Flex Bench system is designed for use with Agilent HPLC modules. Storing other instruments or materials has not been tested and is therefore not supported.
Component overview

1. Supporting frame with shelf grids on the inner side of the side pillars
2. Handles
3. Shelves
4. Waste bin
5. Casters with brakes (front), and without brakes (rear)

Dimensions

A Width and depth (footprint) 790 × 790 mm
B Height overall (floor to top) 1650 mm
C Space between pillars 470 mm
D Shelf width at front 370 mm
E Shelf depth 460 mm

Physical specifications

<table>
<thead>
<tr>
<th>Dimensions (depth × width × height)</th>
<th>79 × 79 × 165 cm</th>
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<tbody>
<tr>
<td>Weight</td>
<td>44 kg (unloaded)</td>
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<tr>
<td>Material</td>
<td>Stainless steel, aluminum, carbon steel, plastic, epoxy powder coat</td>
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</tbody>
</table>

Operational specifications

<table>
<thead>
<tr>
<th>Maximum load per shelf</th>
<th>50 kg</th>
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<tr>
<td>Maximum load overall</td>
<td>150 kg</td>
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Design characteristics/product capabilities

| Overall/general | • Conforms to applicable requirements regarding laboratory benches as stated in the Agilent Instrument Site Preparation Checklists for 1100/1200/1260 Infinity/1290 Infinity/1260 Infinity II/1290 Infinity II LC instruments  
• Allows installation and correct operation of LC instruments according to the Infinity II LC System Installation Guide if positioned on an even floor  
• Delivered unassembled and requires assembly according to instructions  
• Designed for indoor movement on hard, even, and leveled surfaces (laboratory environment)  
• Stability tested according to 61010-1 IEC:2010 section 7.4 |
| Shelves | • Manual locking bolts prevent unintentional release of shelves  
• Fixed in horizontal position by grids  
• Front lip and locking buttons help to keep LC modules in position |
| Side posts | 65 grids for shelf positioning with 2 cm grid space |
| Castors | Four, of which two can be locked (castor and steering axle) |
| Handles | • Height adjustable  
• 200 mm grip length |
| Waste bin | • Dimensions (at top): 437 × 437 × 152 mm  
• Material: HDPE |
| Power strip  
(Flex Bench p/n 5043-1759 only) | • Comes with four power cords (for connection from power strip to modules)  
• Country specific power cord that comes with LC module is used for wall connection of power strip  
• Pre-installed to rear of left side pillar  
• Available for US, Canada and Western Europe only  
• Designed for use with IEC power cords  
• All metal housing  
• 1 × IEC 320 - C14 inlet and 8 × IEC 320 - C13 outlets  
• 10 A, 230 VAC circuit breaker |

Applicable manufacturing, safety, and operational regulations

Quality statement
This product is designed and managed under a quality management system registered to ISO 9001.

Applicable certifications for power strip
Standards UL60950 and CSA C22.2 No. 60950, CSA certified, standards C22.2 (No. 21-95 and No. 42-99), TÜV-GS certified, standards EN60335-1 and EN60950-1, CE certified registration number: AN 72031916 0001, cULus listed