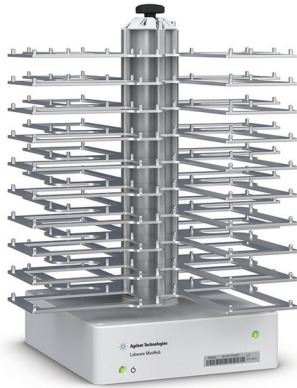
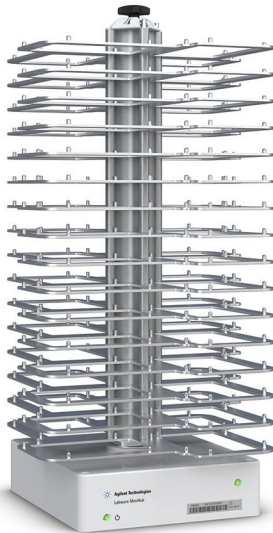


# Agilent Labware MiniHub

## Data Sheet



Agilent Labware MiniHub for BenchCel Workstations.



Agilent Labware MiniHub for Integration.

[www.agilent.com/lifesciences/automation](http://www.agilent.com/lifesciences/automation)

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Published in the USA, July 18, 2017  
5991-8164EN

### Specifications

#### Computer/Software requirements

Host computer	Windows 10 64-bit operation system
Software	Agilent VWorks Automation Control Software when part of an Agilent Automation Workstation (VWorks software is not included with stand-alone instrument purchase). ActiveX to facilitate integration with third-party automation control software (ActiveX CD included with instrument purchase)
Interface	10BaseT Ethernet port

#### Dimensions/Weight

BenchCel version	Height (without risers): 37.8 cm (14.9 in)
	Height (with risers): 55.0 cm (21.7 in)
	Diameter: 38 cm (15 in)
	Weight: 10.8 kg (23.6 lbs)
Integration version	Height (BenchBot version): 48.6 cm (19.1 in)
	Height (DDR version): 54.4 cm (21.4 in)
	Diameter: 33 cm (13 in)
	Weight (BenchBot version): 11.6 kg (25.6 lbs) Weight (DDR version): 13.3 kg (29.4 lbs)

#### Labware compatibility

Microplates	Meets ANSI/SBS 1-2004 through ANSI/SBS 4-2004 labware standards (microplates, deep-well microplates, tube racks, vial racks, pipette tip boxes and filter plates)
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#### Operating requirements

Electrical	100–240 V~, 50/60 Hz
Environment	4–40 °C; 20–90 % RH, noncondensing

#### Performance

Transfer time	<5 seconds for 180 degree turn
Repeatability	Positional accuracy $\pm 0.05$ degrees
Payload	200 g per labware, 800 g per shelf

#### Maximum number of shelves

BenchCel version	10 shelves
Integration version	13 shelves (BenchBot Robot) or 16 shelves (DDR)

#### Spacer distances between shelves

14.0 mm with single 25.1 mm spacers
39.1 mm with two 25.1 mm spacers
64.2 mm with three 25.1 mm spacers

#### Robot access

BenchCel version	Portrait
Integration version	Landscape or portrait

#### Mounting pattern

Four M5 × 60 screws through holes on 188 mm bolt modifies pattern



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