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 Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://beckman.nt-rt.ru/> || bnh@nt-rt.ru

Роботизированные лабораторные станции Biomek i7



Biomek i7 - самая мощная и универсальная роботизированная лабораторная станция семейства Biomek. Она позволяет существенно сэкономить время сотрудников за счет автоматизации дозирования жидкостей и рабочих процессов.

- 45 позиций на рабочем столе
- 4 базовые модификации:
- с одним многоканальным модулем (96 или 384)
- с двумя многоканальными модулями (96 или 384)
- с одним модулем Span-8 с 8 независимыми каналами
- гибрид (многоканальный модуль и Span-8)
- диапазоны дозирования:
- 0,5 – 1 000 мкл (многоканальный)
- 0,5 – 5 000 мкл (Span-8)
- манипулятор с боковым захватом
- возможность интеграции внешних устройств
- библиотека готовых методов

Технические характеристики роботизированной станции Biomek i7

Minimum Table Support Requirements	1xcm(0xin)
Pod and Tool Type	1µL - 300 µL 96-Channel Head; 5 µL -1200 µL 96-Channel head; 0.5 µL - 60 µL Multichannel-384 Head
Tip Type	T30_384; T25F_384; T50_384; T40F_384; T80_384; T40F; T80_LLS; T40F_LSS; T90; T50F; T90_LSS; T50F_LLS; T230; T230_LSS; T190F_LLS; T230_WB; T1070; T1020_WB
Operating System	Windows® 10
Software	Biomek software, SAMI EX scheduling software, Biomek

	PowerPack software, Biomek Method Launcher, DART 2.0 software
Display	22" controller screen
Operating Modes	Semi-automated, manual, controlled by operator
Item Specifications Referenced	B87580

Biomek i7 Span-8 with enclosure

Minimum Table Support Requirements	116x63cm (196 cm height requirement)
Platform	Biomek i-Series
Pod and Tool Type	Span-8 Pod
Environmental Conditions	Up to 2000 m
Installation Category	II
Power Requirements	100-240 VAC, 50/60 Hz, 10 A
Operating System	Windows® 10
Software	Biomek software, SAMI EX scheduling software, Biomek PowerPack software, Biomek Method Launcher, DART 2.0 software
Display	22" controller screen
Operating Mode(s)	Semi-automated, manual, controlled by operator
Autoclavable	No
Material(s)	Aluminum Chassis, ABS Cover, Acrylic Panels
Finish	High-gloss paint, Hardcoat anodized coating
Weight	225 kg(496 lb)

Width	170 cm(66.9 in)
Depth	81 cm(31.9 in)
Height	112 cm(44.1 in)
Package Quantity	1
Temperature Range	10° C - 30°C
Humidity Restrictions	20%–85% (non-condensing) at 30°C

Biomek i7 Hybrid (MC + Span-8) with Enclosure

Minimum Table Support Requirements	116x63cm(46x25in)
Platform	Biomek i-Series
Pod and Tool Type	1µL - 300 µL 96-Channel head; 5 µL -1200 µL 96-Channel Head; 0.5 µL - 60 µL Multichannel-384 Head; Span-8 Pod
Environmental Conditions	Up to 2000 m
Installation Category	II
Power Requirements	100-240 VAC, 50/60 Hz, 10 A
Operating System	Windows® 10
Software	Biomek software, SAMI EX scheduling software, Biomek PowerPack software, Biomek Method Launcher, DART 2.0 software
Display	22" controller screen
Operating Mode(s)	Semi-automated, manual, controlled by operator
Autoclavable	No
Material(s)	ABS Cover, Acrylic Panels, Aluminum Chassis
Finish	High-gloss paint, Hardcoat anodized coating

Weight	260 kg(573.2 lb)
Width	170 cm(66.9 in)
Depth	81 cm(31.9 in)
Height	112 cm(44.1 in)
Package Quantity	1
Temperature Range	10° C - 30°C
Humidity Restrictions	20%–85% (non-condensing) at 30°C

Biomek i7 MCh 96 Thermo HT Microarray Target Prep Workstation

Minimum Table Support Requirements	116x63cm(46x25in)
Platform	Biomek i-Series
Pod and Tool Type	1µL - 300 µL 96-Channel Head; 5 µL -1200 µL 96-Channel head; 0.5 µL - 60 µL Multichannel-384 Head
Tip Type	T30_384; T25F_384; T50_384; T40F_384; T80_384; T40F; T80_LLS; T40F_LSS; T90; T50F; T90_LSS; T50F_LLS; T230; T230_LSS; T190F_LLS; T230_WB; T1070; T1020_WB
Environmental Conditions	Up to 2000 m
Installation Category	II
Sterile	No
Power Requirements	100-240 VAC, 50/60 Hz, 10 A
Operating System	Windows® 10
Software	Biomek Method Launcher, Biomek PowerPack software, Biomek software, DART 2.0 software, SAMI EX scheduling software
Display	22" controller screen

Operating Mode(s)	Semi-automated, manual, controlled by operator
Autoclavable	No
Material(s)	ABS Cover, Acrylic Panels, Aluminum Chassis
Finish	High-gloss paint, Hardcoat anodized coating
Weight	199 kg(438.7 lb)
Width	170 cm(66.9 in)
Depth	81 cm(31.9 in)
Height	104 cm(40.9 in)
Package Quantity	1
Temperature Range	10° C - 30°C
Humidity Restrictions	20%-85% relative humidity (non-condensing)

Mobile Workstation, i7

Platform	Biomek i-Series
Installation Category	II
Autoclavable	No
Material(s)	Aluminum sheet metal, Cardinal white powder coat
Weight	225 kg(496 lb)
Width	183 cm(72 in)
Depth	81 cm(31.9 in)
Height	84 cm(33.1 in)
Package Quantity	1

Biomek i7 Dual-Multichannel without enclosure

Minimum Table Support Requirements	1xcm(0xin)
Platform	Biomek i-Series
Pod and Tool Type	1µL - 300 µL 96-Channel Head; 5 µL -1200 µL 96-Channel head; 0.5 µL - 60 µL Multichannel-384 Head
Tip Type	T30_384; T25F_384; T50_384; T40F_384; T80_384; T40F; T80_LLS; T40F_LSS; T90; T50F; T90_LSS; T50F_LLS; T230; T230_LSS; T190F_LLS; T230_WB; T1070; T1020_WB
Environmental Conditions	Maximum altitude: 2000 m
Power Requirements	100-240 VAC, 50/60 Hz, 10 A
Operating System	Windows® 10
Software	Biomek software, SAMI EX scheduling software, Biomek PowerPack software, Biomek Method Launcher, DART 2.0 software
Display	22" controller screen
Operating Mode(s)	Semi-automated, manual, controlled by operator
Material(s)	ABS Cover, Acrylic Panels, Aluminum Chassis
Finish	High-gloss paint, Hardcoat anodized coating
Package Quantity	1
Temperature Range	10° C - 30°C

Biomek i7 Span-8 without enclosure

Minimum Table Support Requirements	116x63cm(46x25in)
Platform	Biomek i-Series

Pod and Tool Type	Span-8 Pod
Environmental Conditions	Up to 2000 m
Installation Category	II
Power Requirements	100-240 VAC, 50/60 Hz, 10 A
Operating System	Windows® 10
Software	Biomek software, SAMI EX scheduling software, Biomek PowerPack software, Biomek Method Launcher, DART 2.0 software
Display	22" controller screen
Operating Mode(s)	Semi-automated, manual, controlled by operator
Autoclavable	No
Material(s)	Aluminum Chassis, ABS Cover, Acrylic Panels
Finish	High-gloss paint, Hardcoat anodized coating
Weight	190 kg(418.9 lb)
Width	170 cm(66.9 in)
Depth	81 cm(31.9 in)
Height	104 cm(40.9 in)
Package Quantity	1
Temperature Range	10° C - 30°C
Humidity Restrictions	20%–85% (non-condensing) at 30°C

Biomek i7 Dual-Multichannel with enclosure

Minimum Table Support Requirements	116x63cm(46x25in)
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Platform	Biomek i-Series
Pod and Tool Type	1µL - 300 µL 96-Channel Head; 5 µL -1200 µL 96-Channel head; 0.5 µL - 60 µL Multichannel-384 Head
Tip Type	T30_384; T25F_384; T50_384; T40F_384; T80_384; T40F; T80_LLS; T40F_LSS; T90; T50F; T90_LSS; T50F_LLS; T230; T230_LSS; T190F_LLS; T230_WB; T1070; T1020_WB
Environmental Conditions	Maximum altitude: 2000 m
Installation Category	II
Power Requirements	100-240 VAC, 50/60 Hz, 10 A
Operating System	Windows® 10
Software	Biomek software, SAMI EX scheduling software, Biomek PowerPack software, Biomek Method Launcher, DART 2.0 software
Display	22" controller screen
Operating Mode(s)	Semi-automated, manual, controlled by operator
Autoclavable	No
Material(s)	Aluminum Chassis, ABS Cover, Acrylic Panels
Finish	Hardcoat anodized coating, High-gloss paint
Weight	269 kg(593 lb)
Width	170 cm(66.9 in)
Depth	81 cm(31.9 in)
Height	112 cm(44.1 in)
Package Quantity	1
Temperature Range	10° C - 30°C

Humidity Restrictions	20%–85% (non-condensing) at 30°C
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Biomek i7 Multichannel with enclosure

Minimum Table Support Requirements	116x63cm (196 cm height requirement)
Platform	Biomek i-Series
Pod and Tool Type	1µL - 300 µL 96-Channel Head; 5 µL -1200 µL 96-Channel head; 0.5 µL - 60 µL Multichannel-384 Head
Tip Type	T30_384; T25F_384; T50_384; T40F_384; T80_384; T40F; T80_LLS; T40F_LSS; T90; T50F; T90_LSS; T50F_LLS; T230; T230_LSS; T190F_LLS; T230_WB; T1070; T1020_WB
Environmental Conditions	Up to 2000 m
Installation Category	II
Sterile	No
Power Requirements	100-240 VAC, 50/60 Hz, 10 A
Operating System	Windows® 10
Software	Biomek software, SAMI EX scheduling software, Biomek PowerPack software, Biomek Method Launcher, DART 2.0 software
Display	22" controller screen
Operating Mode(s)	Semi-automated, manual, controlled by operator
Autoclavable	No
Material(s)	Aluminum Chassis, Acrylic
Finish	High-gloss paint, Hardcoat anodized coating
Weight	234 kg(515.9 lb)
Width	172 cm(67.7 in)

Depth	83 cm(32.7 in)
Height	114 cm(44.9 in)
Package Quantity	1

Biomek i7 MCh 96 Thermo HT Microarray Target Prep Workstation

Minimum Table Support Requirements	116x63cm(46x25in)
Platform	Biomek i-Series
Pod and Tool Type	1µL - 300 µL 96-Channel Head; 5 µL -1200 µL 96-Channel head; 0.5 µL - 60 µL Multichannel-384 Head
Tip Type	T30_384; T25F_384; T50_384; T40F_384; T80_384; T40F; T80_LLS; T40F_LSS; T90; T50F; T90_LSS; T50F_LLS; T230; T230_LSS; T190F_LLS; T230_WB; T1070; T1020_WB
Environmental Conditions	Up to 2000 m
Installation Category	II
Sterile	No
Power Requirements	100-240 VAC, 50/60 Hz, 10 A
Operating System	Windows® 10
Software	Biomek Method Launcher, Biomek PowerPack software, Biomek software, DART 2.0 software, SAMI EX scheduling software
Display	22" controller screen
Operating Mode(s)	Semi-automated, manual, controlled by operator
Autoclavable	No
Material(s)	ABS Cover, Acrylic Panels, Aluminum Chassis
Finish	High-gloss paint, Hardcoat anodized coating

Weight	199 kg(438.7 lb)
Width	170 cm(66.9 in)
Depth	81 cm(31.9 in)
Height	104 cm(40.9 in)
Package Quantity	1
Temperature Range	10° C - 30°C
Humidity Restrictions	20%-85% relative humidity (non-condensing)

Mobile Workstation, i7

Platform	Biomek i-Series
Installation Category	II
Autoclavable	No
Material(s)	Aluminum sheet metal, Cardinal white powder coat
Weight	225 kg(496 lb)
Width	183 cm(72 in)
Depth	81 cm(31.9 in)
Height	84 cm(33.1 in)
Package Quantity	1

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