

NGS STAR prototypes, Gräfelfing



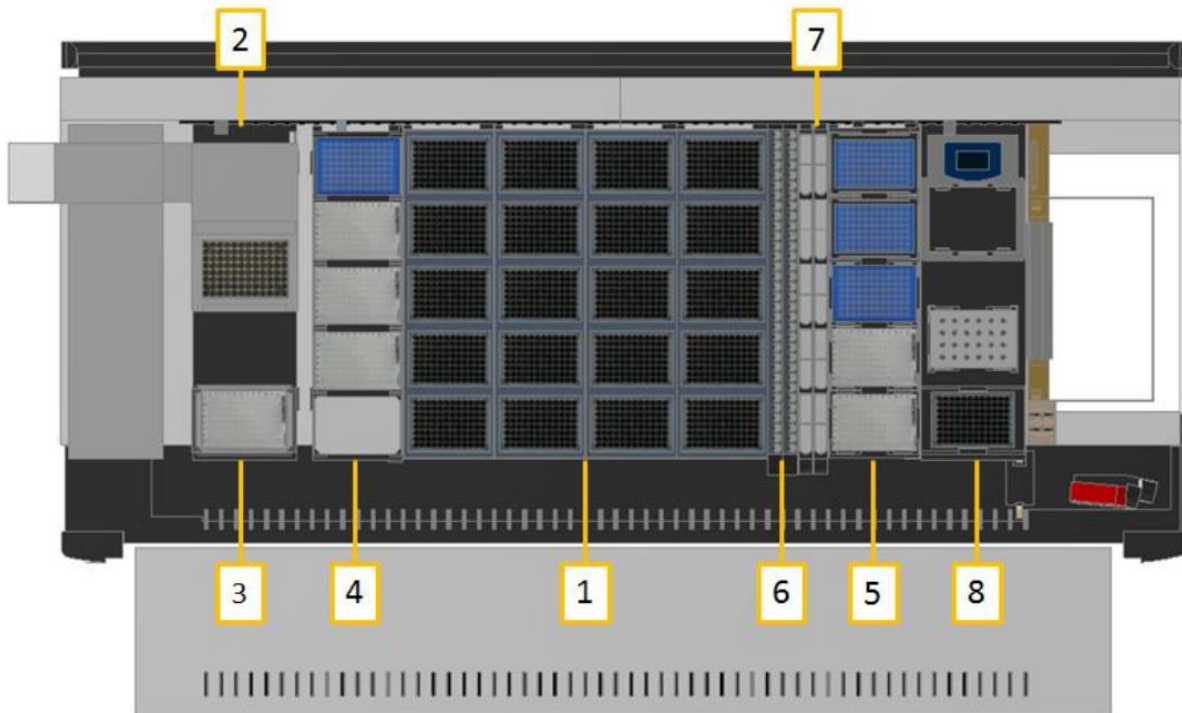
Dimensions of the STAR: LxHxD = 1664x903x795 mm (with Autoload 1010mm)
Weight: approx. 150 kg

Instrument, Microlab STAR

No	PN	Description	Qty
1	185005	ML-STAR IVD 8x1000ul HAM W Welded Frame NOTE: clear Panels	1
2	188130APE	UV Kit STAR UV Kit for STAR with UV lamp with 3x40W UV tubes (254nm) and compatible with 240V.//The USB switch and UV lamp mounting is included as well.//CE certified.	1
3	184089	CO-RE Gripper (1mL) set CO-RE Gripper with bracket on waste block for Plate handling and plate transfer on the deck using two 1mL pipetting channels. /	1
	188285	Small Gripper	
4	185437	Liquid Waste	1
5	10073410	Kit for ODTC 96 TR left (clear) On Deck Thermal Cycler and controller, router, hardware integration kit including modified shaded left cover, software & manuals, 96well Frameplate ® (case with 5 x 10 pcs) /	1
6	188319	Hamilton Heater Shaker, flat bottom adapter (APE) flat bottom adapter Hamilton Heater Shaker, flat bottom adapter Heater Shaker with 3.0mm shaking orbit and flat Shaking speed DWP/MTP: 100 - 2000/2500 rpm Temperature control: RT+5°C - 105°C max. loading: 500g	1
7	188039	MultiFlex Carrier Base (landscape orientation) Labware carrier base for up to 5 MultiFlex modules /	1
8	194054	Stackable Plate Carrier L5 Stacker carrier for 5 stacks each stack 5 microtiter well plates Carrier is 6 Tracks wide	1

No	PN	Description	Qty
9	182085	Tip Carrier, Landscape Carrier for five tip racks for all tip sizes /	4
10	830480	Set of 3x Carrier for 32 Tubes Each carrier holds 32 tubes, 11x60 – 14x120mm /	1
11	10076818	RGT_CAR_5R_CLAM_A00	2
12	188095	MultiFlex Piercing Module Secures sealed or septa plates for piercing.	2
13	188049	MultiFlex PCR Plate Module 96 Supports one 96-well PCR plate /	1
14	188229	MultiFlex DWP precision module Supports one DW plate or reagent container with minimal play (tight fit). /	2
15	188228	MultiFlex MTP precision module Supports one MTP plate or reagent container with minimal play (tight fit). /	1
16	187001	Landscape Shaker Carrier Base Carrier baseplate for up to four shakers /	1
17	808440	MultiFlex Cooling-Heating Module Temperature controlled chamber for SBS format labware.//Temperature range 4°C – 95°C.	1
18	188216	SUPPORT COOL/HEAT MOD SHORT	1
19	188265	Deepwell plate adapter Adapter to place a deepwell plate into the MFX Heating/Cooling module	1
20	188133	MultiFlex Modul Halteklammer 7T Brackets allow to mount any passive MultiFlex module onto heater shaker base plate PN 187001 (7 tracks wide).	1
21	188293	MultiFlex Deepwell position (XXL) High-precision Module to position any SBS plates and DWP upto H=80mm / or flat reagent containers. Plates are rack based.	1
22	188248	MultiFlex Tip Park Module w Drip Pan Option Module requires P/N 187001 Shaker Base (7T). Has a Parkposition for reusable tips, and provides space for a Deepwell Plate as drip pan. /	1
23	369340	STANDARD PC WIN10 GE Dell OptiPlex XE2 Minitower//4th Gen Intel Core I7-4770S Processor (Quad Core HT, 3.10GHz Turbo, 8MB, w/ HD Graphics 4600)//8GB (2x4GB) 1600MHz DDR3 Non-ECC//2 x 500GB 3.5inch Serial ATA (7.200 Rpm) Hard Drive, RAID1//16X Half Height DVD+/-RW Drive//1GB AMD Radeon R5 240, 1 GB Full Height (PP & DVI-I)//Broadcom NetXtreme 10/100/1000 PCIe Gigabit Networking Card, Full Height, 2 Ethernet Network Connectors//4 x USB 2.0 Connector x2//4 x USB 3.0 Connector x2//4-PORT, I/O,SERIAL: in total 5 Serial Connectors//For additional RS 232 Ports, P/N 396247 (+2) or P/N 396250 (+8) can be ordered.////Wide screen MONITOR LED 21.5"//Keyboard, country specific//Mouse//Mousepad HAMILTON//Webcam 1.3MP USB 2.0//Soundbar Stereo USB////Windows embedded Standard 7/64bit, runtime (WS7P) "P"//Microsoft Excel 2013////5Yr ProSupport and Next Business Day On-Site Service//5Yr Data Protection - Keep Your Hard Drive////Country-specific Mains Power Cables (for computer and monitor) are not included and have to be ordered separately.////Additional Programs such as MS Access, MS Office Professional etc., have to be obtained locally.	1
24	282661	AMBION MAGNETIC STAND 96	1

NGS STAR prototypes, - Deck Layout



No.	PN	Description	Qty.
1.	182085	Carrier for 5 tip racks	4
2.	10073410	Processing carrier left based on: ODTC 96 integration kit for STAR on left side - ODTC 96 with controller - Base plate and mounting adapter plates - Exhaust pipe - Side window	1
3.	188319	Hamilton Heater Shaker with 3.0 mm orbit and flat bottom with option for mounting customized adapter. Mounted on processing carrier left.	1
4.	10073484	Customized stacker carrier based on: PLT_CAR_L5_4ST_1MD_A00 1x 188039 MFX carrier base 4x 188044 MFX Stacker module 1x 188229 MFX DWP precision module	1
5.	10072538	Customized plate carrier based on: PLT_CAR_3PCR_AC_MD_A00 1x 188039 MFX carrier base 2x 188095 MFX downholder module	1

		<p>2x 182531 PCR plate adapter</p> <p>8x tbd screws</p> <p>1x 188049 MFX PCR plate module</p> <p>1x 188228 MFX MTP precision module</p> <p>1x 188229 MFX DWP precision module</p>	
6.	830480	Sample carrier for 32 tubes with diameter 10.5mm	2
7.	194057	Reagent carrier for 5x60ml troughs (PN 194051)	2
8.	---	<p>Processing carrier right based on:</p> <p>1x 187001 Shaker carrier base</p> <p>1x 808440 MFX Cooling-Heating Module</p> <p>1x 188216 Support Cool/Heat Mod short</p> <p>1x 188265 DWP adapter for Cooling-Heating Module</p> <p>1x 188133 MFX brackets for 7T carrier</p> <p>1x 188293 MFX XXL DWP module</p> <p>1x 282661 Ambion magnetic stand 96</p> <p>1x 188248 Tip park module</p>	1