

Horizon® Family

Agarose Gel Electrophoresis Systems in Three Standard Sizes

- Easy-to-use compact design
- Variety of preparative, analytical and multichannel pipet compatible combs
- Buffer circulation ports
- Gel Casting Systems

The well-established Horizon® Family includes three different chamber sizes. All of them excel in their compact user-friendly construction. The safety interlock lid prevents an electrical connection until the lid is properly in place. Gel casting works very fast with patented drop-in dams and can be done either directly in the electrophoresis device or in an external gel casting system. Red visualisation strips under the gel trays aid in sample loading. The medium and large format systems Horizon® 11·14 and Horizon® 20·25 additionally offer a special equipment to perform Southern and Northern capillary blotting.

Horizon® 58 is developed for the rapid separation of nucleic acids in agarose mini-gels. Casting components that withstand boiling agarose temperatures and the removable buffer tray for easy cleaning make the Horizon® 58 the system of choice for rapid routine use. For storage combs and gel casting dams can easily be placed in the electrophoresis unit. A separate casting system is available and comes ready-to-cast with gel tray and casting dams.

Model	Gel size (W x L)	Max. sample number
Horizon® 58	5.7 cm x 8.3 cm	28 with 2 combs
Horizon® 11·14	11.0 cm x 14.0 cm	48 with 2 combs
Horizon® 20·25	20.0 cm x 25.0 cm	84 with 2 combs

Horizon® 11·14 and Horizon® 20·25 have adjustable levelling feet and a bull's eye level to ensure uniform gel thickness for reproducible separation patterns. The gel trays are UV transparent and thus can be directly placed with gel on an UV table for visualisation. Both models have ports for buffer recirculation, e.g. for RNA electrophoresis.

The Horizon® 58 and Horizon® 11·14 casting systems come complete with gel tray and casting dams.

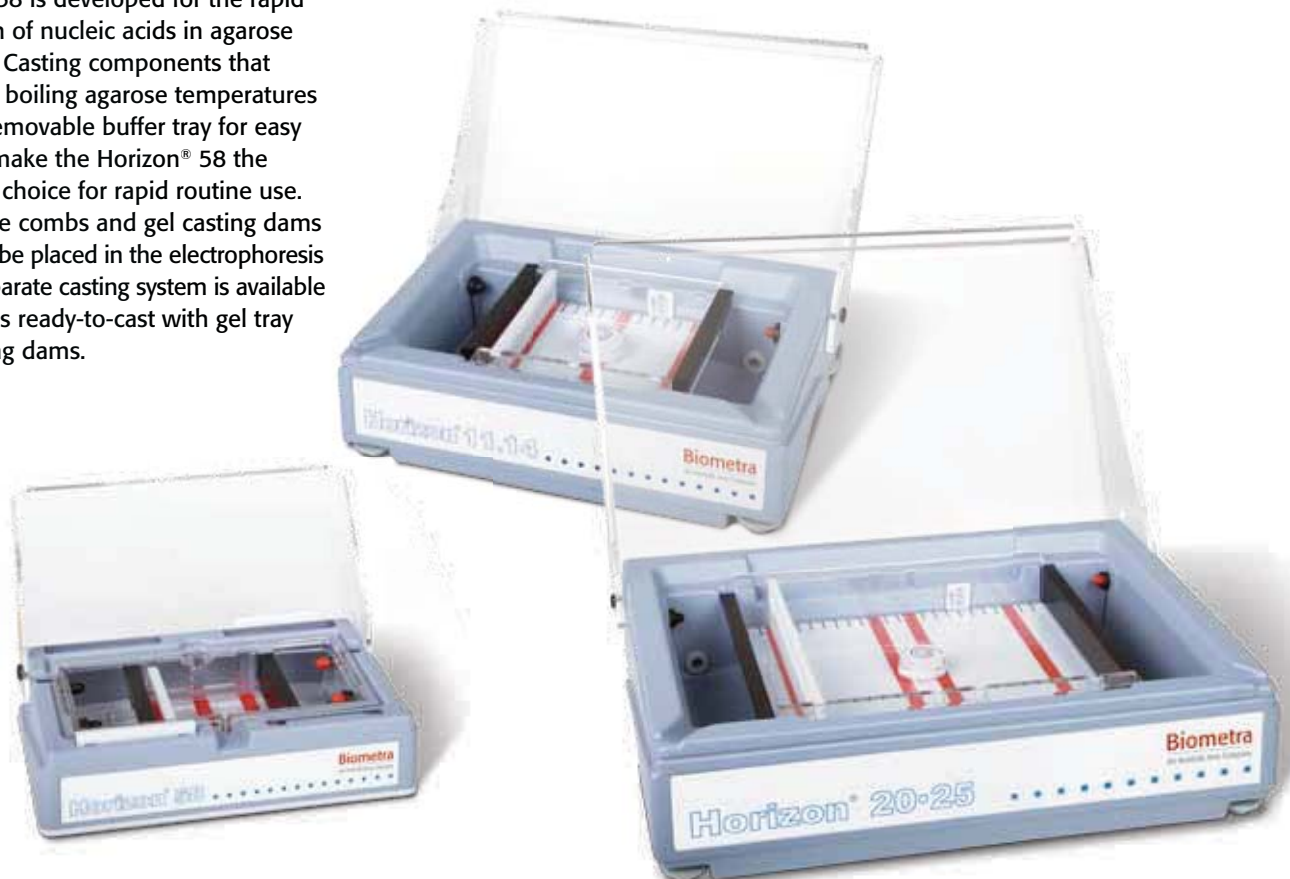
The Horizon® 11·14 casting system can be levelled by four levelling feet. For the Horizon® 58 casting system an additional casting/levelling tray is available.



Horizon® 58 Gel Casting System



Horizon® 11·14 Gel Casting System



Horizon® 58

Order Information

Item	Order No.
Horizon® 58: Chamber (W x D x H, cm = 15.2 x 24.0 x 7.0), power cords, safety interlock lid, heat resistant gel tray 5.7 cm x 8.3 cm with 3 visualisation strips, 2 aluminium gel casting dams, 1 comb (8 wells, 0.8 mm thick), 1 comb (14 wells, 0.8 mm thick), removable buffer tray	41060039
Horizon® 58 Gel Casting System: Stand-alone moulded casting tray (W x D x H = 10 x 20.4 x 4.5 cm), 1 removable gel tray with 3 visualisation strips, 2 gel casting dams (Combs are sold separately.)	21065040
Accessories and spare parts	
Combs, 0.8 mm thick	
Comb 8 wells, 15 µl/well	21065073
Comb 14 wells, 7 µl/well	21065115
Combs, 1.5 mm thick	
Preparative comb: 1 well plus 2 wells for marker lanes, 250 µl per preparative slot	21065131
Comb 5 wells, 50 µl/well	21065107
Comb 8 wells, 25 µl/well	21065081
Comb 12 wells, 15 µl/well, multichannel pipet compatible, 4.5 mm spacing	11951142
Comb 14 wells, 13 µl/well	21065123
Gel trays + dams	
Gel tray H58/Sunrise 58, 5.7 cm x 8.3 cm with 3 visualisation strips	21065164
Aluminium Gel Casting Dams without gaskets (pair)	21065065
Aluminium Gel Casting Dams with gaskets (pair)	41060054
Spare parts	
Power Cords (pair)	11099025
Electrode Replacement H58 (1 electrode/pkg)	21059027
Removable buffer tray incl. mounted electrodes	21065024
Reed Switch Replacement (Reed Switch only)	11950011
Reed Switch Hardware Replacement Kit (includes 2 O-rings, 2 red cap nuts, 2 black cap nuts, 2 rubber washers, electrode boots, 2 hex nuts, 2 screws, 2 banana plugs, and 2 lock washers)	21065156
Lid Replacement H58/Sunrise 58	21065214
Hinge Pins Replacement (2/pkg)	21065149
Casting/Levelling Tray, 20 x 30 cm	025-550



Horizon® 11·14

Order Information

Item	Order No.
Horizon® 11·14: Chamber (W x D x H, cm = 21.5 x 31.5 x 10.5), power cords, safety interlock lid, UV-transparent gel tray 11 cm x 14 cm, 2 aluminium gel casting dams, 1 comb (14 wells, 1 mm thick), buffer recirculation option, adjustable levelling feet, bull's-eye level	11068020
Horizon® 11·14 Gel Casting System for 11 cm x 14 cm gels: stand-alone moulded casting tray (W x D x H = 17.0 x 32.0 x 6.5 cm), 1 UV-transparent gel tray, aluminium gel casting dams, adjustable levelling feet (Combs are sold separately.)	11068046
Accessories and spare parts	
Combs, 1.0 mm thick	
Comb 10 wells, 33 µl/well	11951068
Comb 12 wells, 30 µl/well, multichannel pipet compatible, 9 mm spacing	11951175
Comb 14 wells, 20 µl/well	31081011
Comb 20 wells, 16 µl/well	11951076
Combs, 2.0 mm thick	
Comb 10 wells, 66 µl/well	11951084
Comb 14 wells, 40 µl/well	31081029
Comb 20 wells, 32 µl/well	11951092
Comb 24 wells, 22 µl/well, multichannel pipet compatible, 4.5 mm spacing	11951159
Gel trays + dams	
UV-transparent gel tray H11·14/H5, 11 cm x 14 cm	11084019
Aluminium Gel Casting Dams without gaskets (pair)	11068053
Spare parts	
Power Cords (pair)	11099025
Electrode Replacement H11·14 (1 electrode/pkg)	11068061
Electrode Hardware Repair Kit (includes 2 rubber washers, 2 hex nuts, 2 electrode boots, 1 red cap nut, 1 black cap nut, 2 banana plugs, and 2 lock washers)	11980059
Levelling Foot Replacement (2/pkg)	11964130
Quick Connect Fitting Replacement (2/pkg)	11940012
Quick Connect Port Replacement (2/pkg)	11962026
Lid Replacement H11·14	11962040
Hinge Pins Replacement (2/pkg)	21065149

Well capacity refers to 5 mm thick gels.



Horizon® 20•25

Order Information

Item	Order No.
Horizon® 20•25: Chamber (W x D x H, cm = 32.0 x 42.5 x 12.0), power cords, safety interlock lid, UV-transparent gel tray 20 cm x 25 cm, 2 aluminium gel casting dams, 1 x 20 wells comb (1 mm thick), buffer recirculation option, adjustable levelling feet, bull's-eye level	21069026
Accessories and spare parts	
Combs, 1.0 mm thick	
Comb 12 wells, 54 µl/well	11953064
Comb 15 wells, 40 µl/well	11953072
Comb 20 wells, 27 µl/well	41007014
Comb 21 wells, 30 µl/well, multichannel pipet compatible, 9 mm spacing	11951183
Comb 30 wells, 20 µl/well	11951043
Comb 42 wells, 11 µl/well, multichannel pipet compatible, 4.5 mm spacing	11951191
Combs, 2.0 mm thick	
Comb 20 wells, 54 µl/well	41007022
Comb 30 wells, 40 µl/well	11951019
Comb 42 wells, 22 µl/well, multichannel pipet compatible, 4.5 mm spacing	11951167
Combs, 3.0 mm thick	
Preparative comb: 1 well plus 2 wells for marker lanes, 2100 µl per preparative slot	61010021
Comb 20 wells, 81 µl/well	41007030
Comb 30 wells, 60 µl/well	11951050
Gel trays + dams	
UV-transparent Gel Tray H20-25/H4, 20 cm x 25 cm	31006026
Aluminium Gel Casting Dams without gaskets (pair)	21069059
Spare parts	
Power Cords (pair)	11099025
Electrode Replacement H20-25 (1 electrode/pkg)	21069042
Electrode Hardware Repair Kit (includes 2 rubber washers, 2 hex nuts, 2 electrode boots, 1 red cap nut, 1 black cap nut, 2 banana plugs, and 2 lock washers)	11980059
Levelling Foot Replacement (2/pkg)	11964130
Quick Connect Fitting Replacement (2/pkg)	11940012
Quick Connect Port Replacement (2/pkg)	11962026
Lid Replacement H20-25	11962032
Hinge Pins Replacement (2/pkg)	21065149

Well capacity refers to 5 mm thick gels.



Accessories for Discontinued Agarose Gel Electrophoresis Family Agagel

Order Information

Information about availability is supplied on request.

Item	Order No.
For Agagel Mini	
Comb depth and bull's eye level	020-007
Combs, 1.0 mm thick	
Comb, double-sided, 4/1 wells*, 25/125 µl/well	020-003
For Agagel Midi-Wide and Agagel Maxi	
Comb depth and bull's eye level	020-307
Combs, 1.0 mm thick	
Comb, double-sided, 10/2 wells*, 75/300 µl /well, reference 15/25 µl	020-303
Combs, 2.0 mm thick	
Comb, double-sided, 44/22 wells*, 27/50 µl /well, multichannel pipet compatible, 4.5/9 mm spacing	020-310
Gel trays + dams	
Rubber end blocks, 2/pkg	020-306
Agagel Maxi UV-transparent gel tray, with ruler, 20 cm x 20 cm	020-352
For Agagel Standard	
Combs, 1.0 mm thick	
Comb, 3 wells, 85 µl/well	020-201
Comb, 12 wells, 17 µl/well	020-202
Comb, 18 wells, 16 µl/well	020-207
Combs, 2.0 mm thick	
Comb, 12 wells, 40 µl/well	020-203
Gel trays + dams	
UV-transparent gel tray, with 2 casting gates, 10 cm x 10 cm	020-205
Casting gates, 4/pkg	020-216

*plus 2 marker wells

Well capacity refers to 5 mm thick gels.



Accessories for Discontinued Agarose Gel Electrophoresis Family Sunrise™

Order Information

Information about availability is supplied on request.

Item	Order No.
For Sunrise 12-16 and Sunrise 96	
Combs, 1.5 mm thick	
Comb 12 well, 44 µl/well, multichannel pipet compatible, 9 mm spacing	10245439
Combs, 2.0 mm thick	
Comb 15 well, thick 40 µl/well	10245280
Gel trays + dams	
UV-transparent gel tray Sunrise 96, 12 cm x 24 cm	11084043
Spare parts	
Power Cords, not attached to lid (pair)	11099025
Electrode Replacement Kit Sunrise (for 2 electrodes)	11680014
Lid Replacement Kit Sunrise 12-14/Sunrise 96	11068152
For Sunrise 24-24, Sunrise 192 and Sunrise MTP	
Combs, 1.0 mm thick	
Comb 24 well, 27 µl/well	10245314
Combs, 1.5 mm thick	
Comb 26 well, 34 µl/well, multichannel pipet compatible, 9.0 mm spacing	10245326
Combs, 2.0 mm thick	
Comb 24 well, 54 µl/well	10245322
Gel trays + dams	
UV-transparent gel tray, 24 cm x 24 cm	31006067
Spare parts	
Power Cords, not attached to lid (pair)	11099025
Electrode Replacement Kit Sunrise (for 2 electrodes)	11680014
Lid Replacement Kit Sunrise 24-24/Sunrise 192/Sunrise MTP	21069182

Well capacity refers to 5 mm thick gels.

