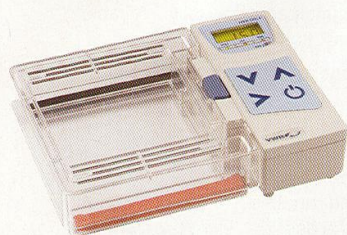


Mini Gel II Electrophoresis System



The VWR Mini Gel II is a complete electrophoresis system, which includes all components necessary to cast and run horizontal gels - gel trays, combs, casting stand, gel tank and digital power supply.

- Migration tank and gel trays are moulded for leakproof performance and for a long service life, and the lid of the gel box is vented to dissipate heat during electrophoresis
 - Power supply easily disconnects from the gel box so that the gel box can be cleaned
 - Mode and arrow keys on the membrane key pad make programming easy, with all parameters shown on a large digital display
 - Casting sets are designed for pouring gels without the use of tape or spacers and casting trays feature multiple slots for holding combs in place
- Electrodes are contained in cassettes to protect from damage

Delivery Information: Supplied with gel tank, direct connection power supply, and standard gel casting set. Standard casting set includes 2 each 12.5x13 cm gel trays, 2 each 12.5x6 cm gel trays, 4 each 1 mm x 14/28 tooth combs and a casting stand. Optional Micro casting set includes 4 each 6x6 cm UV transparent gel trays, 2 each 1 mm x 5/8 tooth combs and a casting stand.

Buffer tank volume (ml)	250
Capacity	1 large gel (12.5x13 cm), 2 small gels (12.5x6 cm) or 4 micro gels (6x6 cm)
Input voltage (V)	Universal, AC 100-240 V, 50/60 Hz
Max. power (W)	45
Memory	Last parameters saved in memory
Output current range/increments (mA)	10...400
Output voltage (V)	10...150
Safety	Microsensor (Hall effect) in power supply, no output without safety lid in place, automatic crossover, no load and load change detection
Sample capacity	112 samples (4 combs)
Tank Dimensions (WxDxH)	183x164x560 mm
Timer	Maximum 99 hours, 59 minutes or continuous, audible alert at end of run
Overall WxDxH (mm)	245x700x620

Description	Pk	Cat. No.
VWR Mini Gel II Complete Electrophoresis System, EU plug	1	700-0003
VWR Mini Gel II Complete Electrophoresis System, UK plug	1	700-0004
VWR Mini Gel II Complete Electrophoresis System, CH plug	1	700-0005

Combs

Description	Pk	Cat. No.
Gel comb, 1 mm x 14/28 teeth, reversible, set of 2	2	700-0009
Gel comb, 1 mm x 5/8 teeth, reversible, set of 2	2	700-0010

Accessories

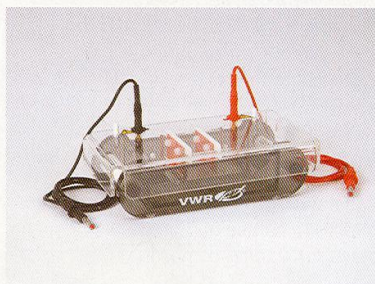
Description	Pk	Cat. No.
Large UV transparent gel trays, 12.5 x 13 cm, set of 2	2	700-0006
Small UV transparent gel trays, 12.5 x 6 cm, set of 2	2	700-0007
Micro UV transparent gel trays, 6 x 6 cm, set of 4	4	700-0008
Micro casting set	1	700-0011
Casting stand	1	700-0012
Standard casting set	1	700-0013

Horizontal Electrophoresis Systems, *kuroGEL*

The *kuroGEL* range of fabricated horizontal electrophoresis units are ideal for screening and analysis of a wide range of samples, including PCR products, DNA mini-preps, plasmid vectors and restriction fragments. The compact size of the Mini and Mini Plus models optimised gel conditions allowing fast resolution of nucleic acids. Midi units accommodate standard gels for medium throughput analysis and the preparation of nucleic acids. Maxi and Maxi Plus units are available in standard and cooled formats and are designed for the rapid, medium-to-high throughput screening of nucleic acids, such as HLA typing in population genetics studies. All models are supplied complete with tank, casting tray, 1 mm thick combs and coloured loading strips.

Electrophoresis - Horizontal Gel Systems

- Robust acrylic tank construction with 12 mm thick walls
- Safety lid with integral power leads compatible with low to medium voltage power supplies
- Durable, high-impact polystyrene combs
- Colour coded combs corresponding to 1.0, 1.5 and 2.0 mm thicknesses



kuroGEL Mini 6 Horizontal

The *kuroGEL* Mini 6 Horizontal is ideal for routine preparatory and analytical electrophoresis techniques.

- Short 6 cm gel length for rapid separations
- Coloured loading strips for easy well detection when loading
- Compact tank reduces the buffer volume required to cover the gel, providing greater control over the voltage gradient and run time
- UV transparent acrylic casting tray allows the user to handle the gel on the transilluminator with minimum risk of exposure to hazardous ethidium bromide
- Side handles allow safe and easy transportation around the laboratory

Delivery Information: Gel tank supplied with removable casting tray; 2x1.0 mm thick, 8-sample combs; and coloured loading strips.

Description	Pk	Cat. No.
Horizontal gel unit, <i>kuroGEL</i> Mini 6, 6x7.5 cm	1	700-0015

Combs for *kuroGEL* Mini 6

Combs are colour coded and height adjustable, offering complete control over loading volume and well depth to a maximum 32-sample throughput.

Comb slots: 2; comb thickness: 1.0, 1.5 or 2.0 mm; comb throughput: 4 to 16 samples.

Description	Pk	Cat. No.
Comb, 8 sample wells, 1.0 mm, for <i>kuroGEL</i> Mini 6	1	700-0025
Comb, 12 sample wells, 1.0 mm, for <i>kuroGEL</i> Mini 6	1	700-0026
Comb, 16 sample wells, 1.0 mm, for <i>kuroGEL</i> Mini 6	1	700-0027
Comb, 8 sample wells, 1.5 mm, for <i>kuroGEL</i> Mini 6	1	700-0028
Comb, 12 sample wells, 1.5 mm, for <i>kuroGEL</i> Mini 6	1	700-0029
Comb, 16 sample wells, 1.5 mm, for <i>kuroGEL</i> Mini 6	1	700-0030
Comb, 8 sample wells, 2.0 mm, for <i>kuroGEL</i> Mini 6	1	700-0031
Comb, 12 sample wells, 2.0 mm, for <i>kuroGEL</i> Mini 6	1	700-0032
Comb, 16 sample wells, 2.0 mm, for <i>kuroGEL</i> Mini 6	1	700-0033

Accessories for *kuroGEL* Mini 6

In-tank casting options: Silicone gaskets lining the casting tray form a leak-proof seal against the inner walls of the running chamber when the casting tray is turned at 90° to the direction of electrophoresis; 6 cm long Super-Seals offer total versatility in casting, allowing the gel length to be tailored to the personal requirements of the user.

External casting options: Silicone casting gates slot into the grooves at each end of the casting tray to form a leak-free seal; Silicone gaskets seated in the groove of each casting tray form a leak-free seal against the walls of the casting unit, allowing 3 gels to be cast simultaneously.

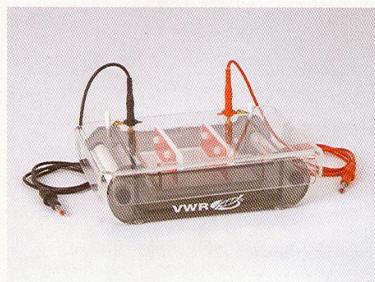
Coloured loading strips (optional) aid visualisation during gel loading. Available in 3 different colours for easy visualisation of samples mixed with dyes such as bromophenol and xylene cyanol. Each colour strip has an adhesive backing allowing it to be easily affixed and removed with each application.

Gel scoops (optional) are ideal for safe and easy transfer of gels from staining or destaining tanks to a transilluminator or similar surface.

Description	Pk	Cat. No.
Gel casting tray for <i>kuroGEL</i> Mini 6, 6x7.5 cm	1	700-0016
Casting gate, silicone, for <i>kuroGEL</i> Mini 6 casting tray	2	700-0017
Gasket, silicone for all <i>kuroGEL</i> units, 1 m, cut to fit	1	700-0018
Casting gate Super Seals for <i>kuroGEL</i> Mini 6 casting tray	2	700-0019
Coloured loading strips for <i>kuroGEL</i> Mini 6	12	700-0020
Casting base, external, for 3-gel casting trays for <i>kuroGEL</i> Mini 6	1	700-0021
Gel scoop for 6 cm wide gel transfer	1	700-0022
Electrode replacement part, 50 cm, for all <i>kuroGEL</i> units	2	700-0023
Power leads, 2x1 m, with 4 mm connectors	1 set	700-0024

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Electrophoresis - Horizontal Gel Systems



kuroGEL Mini Plus 10 Horizontal

The kuroGEL Mini Plus 10 Horizontal is ideal for routine preparatory and analytical electrophoresis techniques.

- Coloured loading strips for easy well detection when loading
- Compact tank reduces the buffer volume required to cover the gel, providing greater control over the voltage gradient and run time
- UV transparent acrylic casting tray allows the user to handle the gel on the transilluminator with minimum risk of exposure to hazardous ethidium bromide
- Side handles allow safe and easy transportation around the laboratory

Delivery Information: Gel tank supplied with removable casting tray; 2x1.0 mm thick, 16-sample combs; and coloured loading strips.

Description	Pk	Cat. No.
Horizontal gel unit, kuroGEL Mini Plus 10, 10x11.5 cm	1	700-0034

Combs for kuroGEL Mini Plus 10

Combs are colour coded and height adjustable, offering complete control over loading volume and well depth to a maximum 80-sample throughput. Four comb positions at 2.5 cm intervals along the tray for swift separation of multiple samples.

Comb slots: 4; comb thickness: 1.0, 1.5 or 2.0 mm; comb throughput: 4 to 20 samples.

Description	Pk	Cat. No.
Comb, 8 sample wells, 1.0 mm, for kuroGEL Mini Plus 10	1	700-0041
Comb, 10 sample wells, 1.0 mm, for kuroGEL Mini Plus 10	1	700-0042
Comb, 12 sample wells, 1.0 mm, for kuroGEL Mini Plus 10	1	700-0043
Comb, 16 sample wells, 1.0 mm, for kuroGEL Mini Plus 10	1	700-0044
Comb, 20 sample wells, 1.0 mm, for kuroGEL Mini Plus 10	1	700-0045
Comb, 8 sample wells, 1.5 mm, for kuroGEL Mini Plus 10	1	700-0046
Comb, 10 sample wells, 1.5 mm, for kuroGEL Mini Plus 10	1	700-0047
Comb, 12 sample wells, 1.5 mm, for kuroGEL Mini Plus 10	1	700-0048
Comb, 16 sample wells, 1.5 mm, for kuroGEL Mini Plus 10	1	700-0049
Comb, 20 sample wells, 1.5 mm, for kuroGEL Mini Plus 10	1	700-0050
Comb, 8 sample wells, 2.0 mm, for kuroGEL Mini Plus 10	1	700-0051
Comb, 10 sample wells, 2.0 mm, for kuroGEL Mini Plus 10	1	700-0052
Comb, 12 sample wells, 2.0 mm, for kuroGEL Mini Plus 10	1	700-0053
Comb, 16 sample wells, 2.0 mm, for kuroGEL Mini Plus 10	1	700-0054
Comb, 20 sample wells, 2.0 mm, for kuroGEL Mini Plus 10	1	700-0055

Accessories for kuroGEL Mini Plus 10

In-tank casting options: Silicone gaskets lining the casting tray form a leak-proof seal against the inner walls of the running chamber when the casting tray is turned at 90° to the direction of electrophoresis; 10 cm long Super-Seals offer total versatility in casting, allowing the gel length to be tailored to the personal requirements of the user.

External casting options: Silicone casting gates slot into the grooves at each end of the casting tray to form a leak-free seal; Silicone gaskets seated in the groove of each casting tray form a leak-free seal against the walls of the casting unit, allowing 3 gels to be cast simultaneously.

Coloured loading strips (optional) aid visualisation during gel loading. Available in 3 different colours for easy visualisation of samples mixed with dyes such as bromophenol and xylene cyanol. Each colour strip has an adhesive backing allowing it to be easily affixed and removed with each application.

Gel scoops (optional) are ideal for safe and easy transfer of gels from staining or destaining tanks to a transilluminator or similar surface.

Description	Pk	Cat. No.
Gel casting tray for kuroGEL Mini Plus 10, 10x11.5 cm	1	700-0035
Casting gate, silicone, for kuroGEL Mini Plus 10 casting tray	2	700-0036
Casting gate Super Seals for kuroGEL Mini Plus 10 casting tray	2	700-0037
Coloured loading strips for kuroGEL Mini Plus 10	12	700-0038
Casting base, external, for 3-gel casting trays for kuroGEL Mini Plus 10	1	700-0039
Gel scoop for 10 cm wide gel transfer	1	700-0040



kuroGEL Midi 13 Horizontal

The kuroGEL Midi 13 Horizontal gel electrophoresis unit is ideal for analytical and preparative studies of nucleic acids.

- Buffer recirculation ports that can be connected to a peristaltic pump for buffer recirculation during electrophoresis to maintain buffer pH and prevent ionic gradient formation
- Coloured loading strips, for easy well detection when loading
- Compact tank, reduces the buffer volume required to cover the gel, providing greater control over the voltage gradient and run time
- UV-transparent acrylic casting tray, allowing the user to handle the gel on the

Electrophoresis - Horizontal Gel Systems

transilluminator with minimum risk of exposure to hazardous ethidium bromide

- Side handles, for safe and easy transportation around the laboratory

Delivery Information: Gel tank supplied with removable casting tray; 2x1.0 mm thick, 16-sample combs; coloured loading strips and buffer recirculation ports

Description	Pk	Cat. No.
Horizontal gel unit, <i>kuroGEL</i> Midi 13, 12.8x15 cm	1	700-0056

Combs for *kuroGEL* Midi 13

Combs are colour coded and height adjustable, offering complete control over loading volume and well depth to a maximum 112-sample throughput. Four comb positions with 3.5 cm intervals along the tray for faster separation of multiple samples.

Comb slots: 4; comb thickness: 1.0, 1.5 or 2.0 mm; comb throughput: 10 to 28 samples.

Description	Pk	Cat. No.
Comb, 10 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0064
Comb, 12 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0065
Comb, 16 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0066
Comb, 20 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0067
Comb, 24 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0068
Comb, 28 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0069
Comb, 10 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi 13	1	700-0070
Comb, 12 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi 13	1	700-0071
Comb, 16 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi 13	1	700-0072
Comb, 20 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi 13	1	700-0073
Comb, 24 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi 13	1	700-0074
Comb, 28 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi 13	1	700-0075
Comb, 10 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0076
Comb, 12 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0077
Comb, 16 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0078
Comb, 20 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0079
Comb, 24 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0080
Comb, 28 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi 13	1	700-0081

Accessories for *kuroGEL* Midi 13

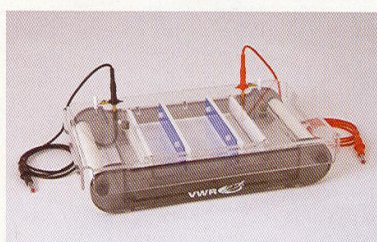
In-tank casting options: Silicone gaskets lining the casting tray form a leak-proof seal against the inner walls of the running chamber when the casting tray is turned at 90° to the direction of electrophoresis; 13 cm long Super-Seals offer total versatility in casting, allowing the gel length to be tailored to the personal requirements of the user.

External casting options: Silicone casting gates slot into the grooves at each end of the casting tray to form a leak-free seal; Silicone gaskets seated in the groove of each casting tray form a leak-free seal against the walls of the casting unit, allowing 3 gels to be cast simultaneously.

Coloured loading strips (optional) aid visualisation during gel loading. Available in 3 different colours for easy visualisation of samples mixed with dyes such as bromophenol and xylene cyanol. Each colour strip has an adhesive backing allowing it to be easily affixed and removed with each application.

Gel scoops (optional) are ideal for safe and easy transfer of gels from staining or destaining tanks to a transilluminator or similar surface.

Description	Pk	Cat. No.
Gel casting tray for <i>kuroGEL</i> Midi 13, 12.8x15 cm	1	700-0057
Electrophoresis buffer recirculation ports for <i>kuroGEL</i> Midi, Midi Plus, Maxi and Maxi Plus	2	700-0058
Casting gate, silicone, for <i>kuroGEL</i> Midi 13 casting tray	2	700-0059
Casting gate Super Seals for <i>kuroGEL</i> Midi 13 casting tray	2	700-0060
Coloured loading strips for <i>kuroGEL</i> Midi 13	12	700-0061
Casting base, external, for 3-gel casting trays for <i>kuroGEL</i> Midi 13	1	700-0062
Gel scoop for 13 cm wide gel transfer	1	700-0063



kuroGEL Midi Plus 15 Horizontal

The *kuroGEL* Midi Plus 15 Horizontal standard gel electrophoresis unit provides the most popular comb throughput and tray-size options, but with additional casting options.

- Multi-channel pipette compatible combs, with a maximum 30-sample throughput, reduce gel loading time, while preparatory combs enable nucleic acids to be scaled-up for cloning
- Buffer recirculation ports can be connected to a peristaltic pump for buffer recirculation during electrophoresis to maintain buffer pH and prevent ionic gradient formation

- Coloured loading strips for easy well detection when loading
- UV-transparent acrylic casting tray allows the user to handle the gel on the transilluminator with minimum risk of exposure to hazardous ethidium bromide
- Side handles, for safe and easy transportation around the laboratory

Electrophoresis - Horizontal Gel Systems

Delivery Information: Gel tank supplied with removable casting tray; 2x1.0 mm thick, 16-sample combs; coloured loading strips and buffer recirculation ports

Description	Pk	Cat. No.
Horizontal gel unit, <i>kuroGEL</i> Midi Plus 15, 15x15 cm	1	700-0082

Combs for *kuroGEL* Midi Plus 15

Combs are colour coded and height adjustable, offering complete control over loading volume and well depth to a maximum 120 sample throughput. Four comb positions with 3.5 cm intervals along the tray for faster separation of multiple samples.

Comb slots: 4; comb thickness: 1.0, 1.5 or 2.0 mm; comb throughput: 1 to 30 samples.

Description	Pk	Cat. No.
Comb, 10 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0088
Comb, 15 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0089
Comb, 16 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0090
Comb, 20 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0091
Comb, 25 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0092
Comb, 30 sample wells, 1.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0093
Comb, 10 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0094
Comb, 15 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0095
Comb, 16 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0096
Comb, 20 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0097
Comb, 25 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0098
Comb, 30 sample wells, 1.5 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0099
Comb, 10 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0130
Comb, 15 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0131
Comb, 16 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0132
Comb, 20 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0133
Comb, 25 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0134
Comb, 30 sample wells, 2.0 mm, for <i>kuroGEL</i> Midi Plus 15	1	700-0135

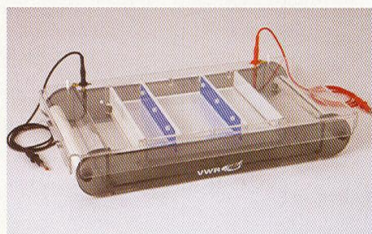
Accessories for *kuroGEL* Midi Plus 15

Casting options: Casting gates with integral silicone seals effectively seal the tray without the need for tape, provided the silicone gasket faces outwards. 15 cm long Super-Seals offer total versatility in casting, allowing the gel length to be tailored to each user's personal requirements.

Coloured loading strips (optional) aid visualisation during gel loading. Available in 3 different colours for easy visualisation of samples mixed with dyes such as bromophenol and xylene cyanol. Each colour strip has an adhesive backing allowing it to be easily affixed and removed with each application.

Gel scoops (optional) are ideal for safe and easy transfer of gels from staining or destaining tanks to a transilluminator or similar surface.

Description	Pk	Cat. No.
Gel casting tray for <i>kuroGEL</i> Midi Plus 15, 15x15 cm	1	700-0083
Casting gate with integral silicone seals, for <i>kuroGEL</i> Midi Plus 15 casting tray	2	700-0084
Casting gate Super Seals for <i>kuroGEL</i> Midi Plus 15 casting tray	2	700-0085
Coloured loading strips for <i>kuroGEL</i> Midi Plus 15	12	700-0086
Gel scoop for 15 cm wide gel transfer	1	700-0087



kuroGEL Maxi 20 Horizontal

The *kuroGEL* Maxi 20 Horizontal gel electrophoresis unit is ideal for high resolution analytical and preparative studies of nucleic acids. Large format, 20x20 cm, gel tray is ideal for high resolution techniques, such as screening PCR products and RFLP analysis.

- Multi-channel pipette compatible combs, with a maximum 42-sample throughput reduce gel-loading time
- Buffer recirculation ports can be connected to a peristaltic pump for buffer recirculation during electrophoresis to maintain buffer pH and prevent ionic gradient formation

- Coloured loading strips for easy well detection when loading
- UV-transparent acrylic casting tray allows the user to handle the gel on the transilluminator with minimum risk of exposure to hazardous ethidium bromide
- Side handles, for safe and easy transportation around the laboratory

Delivery Information: Gel tank supplied with removable casting tray; 2x1.0 mm thick, 16-sample combs; coloured loading strips and buffer recirculation ports

Description	Pk	Cat. No.
Horizontal gel unit, <i>kuroGEL</i> Maxi 20, 20x20 cm	1	700-0136

Combs for *kuroGEL* Maxi 20

Combs are colour coded and height adjustable, offering complete control over loading volume and well depth to a maximum 168-sample throughput. Four comb positions at 5 cm intervals along the tray for faster separation of multiple samples.

Electrophoresis - Horizontal Gel Systems

Comb slots: 4; comb thickness: 1.0, 1.5 or 2.0 mm; comb throughput: 16 to 42 samples.

Description	Pk	Cat. No.
Comb, 16 sample wells, 1.0 mm, for <i>kuroGEL</i> Maxi 20	1	700-0142
Comb, 20 sample wells, 1.0 mm, for <i>kuroGEL</i> Maxi 20	1	700-0143
Comb, 28 sample wells, 1.0 mm, for <i>kuroGEL</i> Maxi 20	1	700-0144
Comb, 40 sample wells, 1.0 mm, for <i>kuroGEL</i> Maxi 20	1	700-0145
Comb, 16 sample wells, 1.5 mm, for <i>kuroGEL</i> Maxi 20	1	700-0146
Comb, 20 sample wells, 1.5 mm, for <i>kuroGEL</i> Maxi 20	1	700-0147
Comb, 28 sample wells, 1.5 mm, for <i>kuroGEL</i> Maxi 20	1	700-0148
Comb, 40 sample wells, 1.5 mm, for <i>kuroGEL</i> Maxi 20	1	700-0149
Comb, 16 sample wells, 2.0 mm, for <i>kuroGEL</i> Maxi 20	1	700-0150
Comb, 20 sample wells, 2.0 mm, for <i>kuroGEL</i> Maxi 20	1	700-0151
Comb, 28 sample wells, 2.0 mm, for <i>kuroGEL</i> Maxi 20	1	700-0152
Comb, 40 sample wells, 2.0 mm, for <i>kuroGEL</i> Maxi 20	1	700-0153

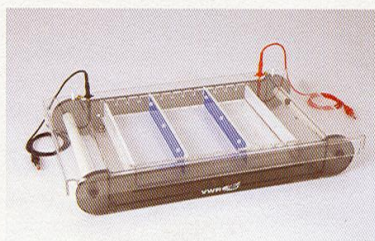
Accessories for *kuroGEL* Maxi 20

Casting options: Casting gates with integral silicone seals effectively seal the tray without the need for tape, provided the silicone gasket faces outwards. 20 cm long Super-Seals offer total versatility in casting, allowing the gel length to be tailored to each user's personal requirements.

Coloured loading strips (optional) aid visualisation during gel loading. Available in 3 different colours for easy visualisation of samples mixed with dyes such as bromophenol and xylene cyanol. Each colour strip has an adhesive backing allowing it to be easily affixed and removed with each application.

Gel scoops (optional) are ideal for safe and easy transfer of gels from staining or destaining tanks to a transilluminator or similar surface.

Description	Pk	Cat. No.
Gel casting tray for <i>kuroGEL</i> Maxi 20, 20x20 cm	1	700-0137
Casting gate with integral silicone seals, for <i>kuroGEL</i> Maxi 20 casting tray	2	700-0138
Casting gate Super Seals for <i>kuroGEL</i> Maxi 20 casting tray	2	700-0139
Coloured loading strips for <i>kuroGEL</i> Maxi 20	12	700-0140
Gel scoop for 20 cm wide gel transfer	1	700-0141



kuroGEL Maxi Plus 25 Horizontal

The *kuroGEL* Maxi-Plus 25 Horizontal gel electrophoresis unit is ideal for high throughput analysis of nucleic acids. Large format, 25x30 cm, gel tray is ideal for high-throughput techniques, such as HLA typing and screening PCR products.

- Multi-channel pipette compatible combs, with a maximum 52-sample throughput, allow samples to be loaded quickly and easily from 96- and 384-well thermal cyclers
- Buffer recirculation ports can be connected to a peristaltic pump for buffer recirculation during electrophoresis to maintain buffer pH and prevent ionic

gradient formation

- Coloured loading strips, for easy well detection when loading
- UV-transparent acrylic casting tray allows the user to handle the gel on the transilluminator with minimum risk of exposure to hazardous ethidium bromide
- Side handles for safe and easy transportation around the laboratory

Delivery Information: Gel tank supplied with removable casting tray; 2x1.0 mm thick, 16-sample combs; coloured loading strips and buffer recirculation ports

Description	Pk	Cat. No.
Horizontal gel unit, <i>kuroGEL</i> Maxi Plus 25, 25x30 cm	1	700-0154

Combs for *kuroGEL* Maxi Plus 25

Combs are colour coded and height adjustable, offering complete control over loading volume and well depth to a maximum 624-sample throughput. Twelve comb positions at 2 cm intervals along the tray for rapid, high throughput separation of multiple samples.

Comb slots: 12; comb thickness: 1.0, 1.5 or 2.0 mm; comb throughput: 26 to 52 samples.

Description	Pk	Cat. No.
Comb, 26 sample wells, 1.0 mm, for <i>kuroGEL</i> Maxi Plus 25	1	700-0160
Comb, 52 sample wells, 1.0 mm, for <i>kuroGEL</i> Maxi Plus 25	1	700-0161
Comb, 26 sample wells, 1.5 mm, for <i>kuroGEL</i> Maxi Plus 25	1	700-0162
Comb, 52 sample wells, 1.5 mm, for <i>kuroGEL</i> Maxi Plus 25	1	700-0163
Comb, 26 sample wells, 2.0 mm, for <i>kuroGEL</i> Maxi Plus 25	1	700-0164
Comb, 52 sample wells, 2.0 mm, for <i>kuroGEL</i> Maxi Plus 25	1	700-0165

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Electrophoresis - Horizontal Gel Systems

Accessories for *kuroGEL* Maxi Plus 25

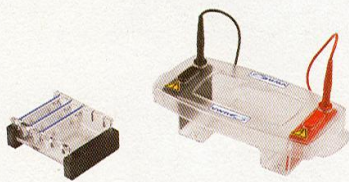
Casting options: Casting gates with integral silicone seals effectively seal the tray without the need for tape, provided the silicone gasket faces outwards. 25 cm long Super-Seals offer total versatility in casting, allowing the gel length to be tailored to each user's personal requirements.

Coloured loading strips (optional) aid visualisation during gel loading. Available in 3 different colours for easy visualisation of samples mixed with dyes such as bromophenol and xylene cyanol. Each colour strip has an adhesive backing allowing it to be easily affixed and removed with each application.

Gel scoops (optional) are ideal for safe and easy transfer of gels from staining or destaining tanks to a transilluminator or similar surface.

Description	Pk	Cat. No.
Gel casting tray for <i>kuroGEL</i> Maxi Plus 25, 25x30 cm	1	700-0155
Casting gate with integral silicone seals, for <i>kuroGEL</i> Maxi Plus 25 casting tray	2	700-0156
Casting gate Super Seals for <i>kuroGEL</i> Maxi 20 casting tray	2	700-0157
Coloured loading strips for <i>kuroGEL</i> Maxi Plus 25	12	700-0158
Gel scoop for 25 cm wide gel transfer	1	700-0159

Horizontal Electrophoresis Systems, *shiroGEL*



Designed for ease of use and safe operation, the *shiroGEL* horizontal electrophoresis systems and accessories are built to withstand the rigours of everyday use. For leakproof performance the gel boxes and gel trays are moulded from thick acrylic. UV transparent gel trays aid in visualization of samples. Cassettes protect the electrodes and allow for easy replacement. Gel casting is simple with the durable rubber casting gates. Slots in the sides of the trays allow for easy comb placement. The two piece design of the combs provides for vertical adjustment, giving the user control over the depth of the well. The combs supplied with the systems are 1.5 mm thick.

Multiple combs, including those compatible with multichannel pipettors and different thicknesses, are also available. The 'EasyLift' gel box lid is easily removed using the side tabs and pressure pads. The lid is domed, to prevent condensation from dripping onto the gel, and is surrounded by a drip ring, to help recover the condensate and maintain buffer concentration. A variety of sizes are available, from the compact mini system to the large maxi system, which will accommodate as many as 450 samples. A broad range of accessories are also available.

- Moulded, durable construction
- Rubber gates for tapeless gel casting
- 'EasyLift' safety lid with buffer recapture system to maintain buffer concentration

Model	Mini 10	Midi Plus 10	Midi Plus 15
Buffer volume (ml)	225	300	500
Gel size WxL (mm)	70x100	150x100	150x150
Sample capacity	64	140	210
Unit WxDxH (mm)	90x210x90	175x265x90	175x265x90

Delivery Information: Complete system including UV transparent gel tray is supplied with tank, lid, electrodes and 15 mm combs.

Description	Pk	Cat. No.
Horizontal gel unit, 7x10 cm, <i>shiroGEL</i> Mini 10	1	700-0250
Horizontal gel unit, 15x10 cm, <i>shiroGEL</i> Midi Plus 10	1	700-0253
Horizontal gel unit, 15x15 cm, <i>shiroGEL</i> Midi Plus 15	1	700-0255

Combs for *shiroGEL* horizontal

Description	Pk	Cat. No.
Comb, 5-well, 1.5 mm thickness for 7 cm gel tray	1	700-0263
Comb, 8-well, 1.0 mm thickness for 7 cm gel tray	1	700-0264
Comb, 8-well, 1.0 mm thickness for 15 cm gel tray	1	700-0288
Comb, 8-well, 1.5 mm thickness for 15 cm gel tray	1	700-0289
Comb, 10-well, 1.0 mm thickness for 15 cm gel tray	1	700-0265
Comb, 10-well, 1.5 mm thickness for 7 cm gel tray	1	700-0258
Comb, 10-well, 1.5 mm thickness for 15 cm gel tray	1	700-0266
Comb, 12-well, 1.0 mm thickness for 7 cm gel tray*	1	700-0259
Comb, 12-well, 1.0 mm thickness for 15 cm gel tray	1	700-0267
Comb, 12-well, 1.5 mm thickness for 7 cm gel tray*	1	700-0260
Comb, 12-well, 1.5 mm thickness for 15 cm gel tray	1	700-0268
Comb, 14-well, 1.0 mm thickness for 15 cm gel tray*	1	700-0269
Comb, 14-well, 1.5 mm thickness for 15 cm gel tray*	1	700-0270
Comb, 14-well, 2.0 mm thickness for 15 cm gel tray*	1	700-0271
Comb, 16-well, 1.0 mm thickness for 7 cm gel tray	1	700-0261
Comb, 16-well, 1.0 mm thickness for 15 cm gel tray	1	700-0272
Comb, 16-well, 1.0 mm thickness for 15 cm gel tray*	1	700-0273

Electrophoresis - Horizontal Gel Systems

Description	Pk	Cat. No.
Comb, 16-well, 1.5 mm thickness for 7 cm gel tray	1	700-0262
Comb, 16-well, 1.5 mm thickness for 15 cm gel tray*	1	700-0274
Comb, 16-well, 2.0 mm thickness for 15 cm gel tray*	1	700-0275
Comb, 18-well, 1.0 mm thickness for 15 cm gel tray*	1	700-0276
Comb, 18-well, 1.5 mm thickness for 15 cm gel tray*	1	700-0277
Comb, 20-well, 0.75 mm thickness for 15 cm gel tray	1	700-0278
Comb, 20-well, 1.0 mm thickness for 15 cm gel tray	1	700-0279
Comb, 20-well, 1.5 mm thickness for 15 cm gel tray	1	700-0280
Comb, 20-well, 2.0 mm thickness for 15 cm gel tray	1	700-0281
Comb, 28-well, 0.75 mm thickness for 15 cm gel tray*	1	700-0282
Comb, 28-well, 1.0 mm thickness for 15 cm gel tray*	1	700-0283
Comb, 28-well, 1.5 mm thickness for 15 cm gel tray*	1	700-0284
Comb, 30-well, 1.0 mm thickness for 15 cm gel tray*	1	700-0285
Comb, 30-well, 1.5 mm thickness for 15 cm gel tray*	1	700-0286
Comb, 35-well, 1.5 mm thickness for 15 cm gel tray	1	700-0287

*multichannel pipette compatible

Accessories for *shiro*GEL horizontal

Description	Pk	Cat. No.
UV transparent gel tray for <i>shiro</i> GEL Mini 10	1	700-0251
UV transparent gel tray for <i>shiro</i> GEL Midi Plus 10	1	700-0254
UV transparent gel tray for <i>shiro</i> GEL Midi Plus 15	1	700-0256
Casting dam for 7 cm gel tray	2	700-0252
Casting dam for 15 cm gel tray	2	700-0257