

Product Specifications

Intended use For research use only. Not intended for human or animal diagnostic or therapeutic uses.

iBlot® Gel Transfer Device specifications

Dimensions:	37 cm (l) × 20 cm (w) × 11 cm (h)
Weight:	2.3 kg
Electrical Parameters:	100–240 V, 50/60 Hz, 3.3 A
Built-in Features:	Digital display, alarm, light LED
Compatibility:	Suitable for transfer of mini- (8 × 8 cm), midi- (8 × 13 cm), and E-PAGE™ Gels
iBlot® Materials:	Polycarbonate, Cyclopol, Acrylic, Gold plated copper, Stainless steel, Plasticized silicone, Aluminum
Operating Temperature:	5–40°C
Blotting Roller:	Delrin roller (8.6-cm wide) attached to a stainless steel handle

The iBlot® Gel Transfer Device is impervious to alcohol, acid (HCl), alkali (NaOH) but not compatible with acetone, dimethyl sulfoxide, and acetic acid.

iBlot® DNA Transfer Stack specifications

Specifications for the iBlot® DNA Transfer Stacks are listed below. For a more detailed description of the iBlot® Transfer Stacks, see page 7.

iBlot® Cathode Stack, Top

Top Stack Gel Layer:	13.6 cm (l) × 8.5 cm (w) × 0.19 cm (thick)
Top Stack Gel Layer Composition:	Proprietary
Electrode:	Copper-coated mesh

iBlot® Anode Stack, Bottom

Bottom Stack Gel Layer:	14.1 cm (l) × 8.5 cm (w) × 0.32 cm (thick)
Bottom Stack Gel Layer Composition:	Proprietary
Electrode:	Copper-coated mesh
Transfer Membrane:	Nylon (0.2 µm)
Plastic Tray:	16.8 cm × 10.3 cm (1.7-cm wide copper contact)

iBlot® Disposable Sponge

Dimensions:	15 cm (l) × 9.5 cm (w) × 1.0 cm (thick)
Material:	White Melamine
Metal Contact:	Aluminum

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Product Specifications, continued

iBlot® Gel Transfer Stack specifications

Specifications for the iBlot® Gel Transfer Stacks are listed below. For a more detailed description of the iBlot® Transfer Stacks, see page 7.

iBlot® Cathode Stack, Top

Top Stack Gel Layer, Regular:	13.6 cm (l) × 8.5 cm (w) × 0.19 cm (thick)
Top Stack Gel Layer, Mini:	8.5 cm (l) × 8.5 cm (w) × 0.19 cm (thick)
Top Stack Gel Layer Composition:	Proprietary
Electrode:	Copper-coated mesh

iBlot® Anode Stack, Bottom

Bottom Stack Gel Layer, Regular:	14.1 cm (l) × 8.5 cm (w) × 0.32 cm (thick)
Bottom Stack Gel Layer, Mini:	8.5 cm (l) × 8.5 cm (w) × 0.32 cm (thick)
Bottom Stack Gel Layer Composition:	Proprietary
Electrode:	Copper-coated mesh
Transfer Membrane:	Nitrocellulose (0.2 µm) or PVDF (0.2 µm, low fluorescence)
Plastic Tray:	16.8 cm × 10.3 cm (1.7-cm wide copper contact)

iBlot® Disposable Sponge

Dimensions:	15 cm (l) × 9.5 cm (w) × 1.1 cm (thick)
Material:	Gray Melamine
Metal Contact:	Aluminum

iBlot® Filter Paper

Regular Filter Paper:	13.5 cm (l) × 8 cm (l) × 0.04 cm (thick)
Mini Filter Paper:	8 cm (l) × 8 cm (w) × 0.04 cm (thick)

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Product Specifications, continued

iBlot® Western Detection Stack specifications

Specifications for the iBlot® Gel Transfer Stacks are listed below. For a more detailed description of the iBlot® Transfer Stacks, see page 7.

iBlot® Cathode Stack, Top

Top Stack Gel Layer, Regular:	13.6 cm (l) × 8.5 cm (w) × 0.19 cm (thick)
Top Stack Gel Layer, Mini:	8.5 cm (l) × 8.5 cm (w) × 0.19 cm (thick)
Top Stack Gel Layer Composition:	Proprietary
Electrode:	Copper-coated mesh

iBlot® Anode Stack, Bottom

Bottom Stack Gel Layer, Regular:	14.1 cm (l) × 8.5 cm (w) × 0.32 cm (thick)
Bottom Stack Gel Layer, Mini:	8.5 cm (l) × 8.5 cm (w) × 0.32 cm (thick)
Bottom Stack Gel Layer Composition:	Proprietary
Electrode:	Copper-coated mesh
Plastic Tray:	16.8 cm × 10.3 cm (1.7-cm wide copper contact)

iBlot® Disposable Sponge

Dimensions:	15 cm (l) × 9.5 cm (w) × 1.1 cm (thick)
Material:	Gray Melamine
Metal Contact:	Aluminum
