



A Geno Technology, Inc. (USA) brand name

Wet Transfer Tank

Cat. No. BT306

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SAFETY PRECAUTIONS



When used correctly, these units pose no health risk. However, these units can deliver dangerous levels of electricity and are to be operated only by qualified personnel following the guidelines laid out in this instruction manual.

Anyone intending to use this equipment should read the complete manual thoroughly.

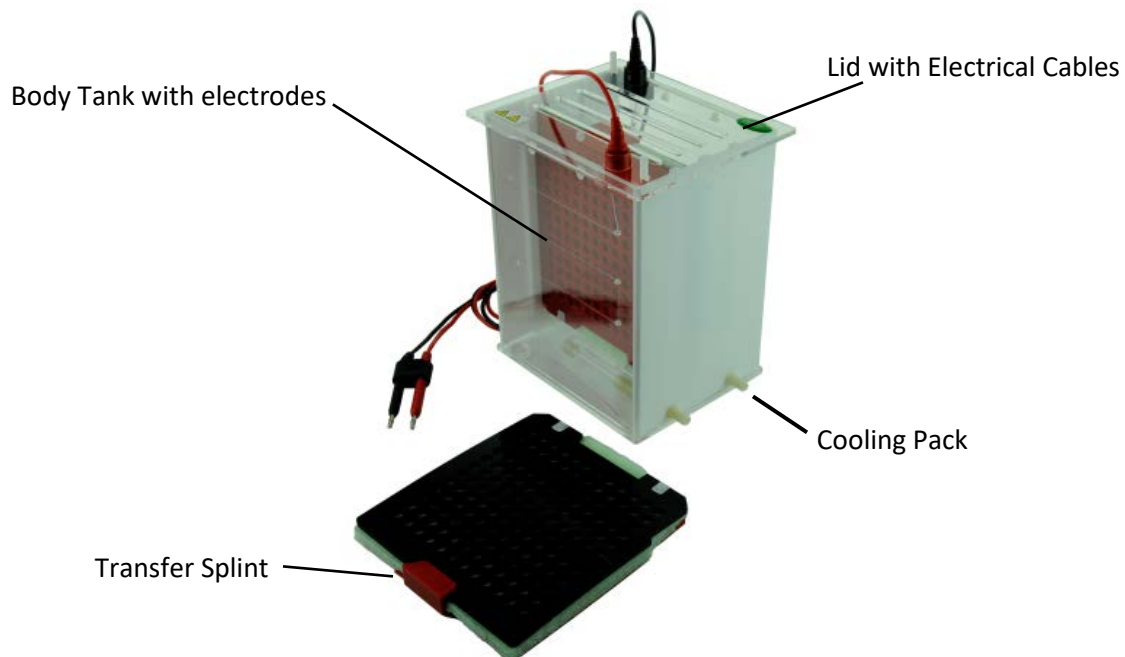
The unit must never be used without the safety lid correctly in position.

The unit should not be used if there is any sign of damage to the external tank or lid.

PACKING LIST

Part	Quantity
Body Tank with electrodes	1
Transfer Splint	2
Sponge	4
Cooling Pack	1
Cooling Pipe	2
Lid with Electrical Cables	1

COMPONENTS



MAINTENANCE

Cleaning Horizontal Units

Units are best cleaned using warm water and a mild detergent. Water at temperatures above 60°C can cause damage to the unit and components.

The tank should be thoroughly rinsed with warm water or distilled water to prevent buildup of salts, but care should be taken not to damage the enclosed electrode and vigorous cleaning is not necessary or advised.

Air drying is preferably before use.

The units should only be cleaned with the following:

Rnase Decontamination

Clean the units with a mild detergent as described above.

Wash with 3% hydrogen peroxide (H₂O₂) for 10 minutes.

Rinsed with 0.1% DEPC (diethyl pyrocarbonate) treated distilled water.

Caution: DEPC is a suspected carcinogen. Always take the necessary precautions when using.

RNaseOUT™ (G-Biosciences) can also be used. Please consult the instructions for use with acrylic gel tanks.

OPERATION METHOD

1. Add a small amount of Transfer Buffer (39 mM glycine, 48 mM Tris, 0.037% SDS, 20% Methanol) in a shallow tray. Place the sponges and filter paper into the tray to soak in the buffer.
2. Cut the filter paper to the same size as the gel. Set one sponge flat on a clean surface. Put one piece of filter paper onto the sponge, followed by the gel, then the nitrocellulose membrane. On top of the membrane, place another filter paper and, finally, the second sponge.
3. Transfer the completed stack to the transfer splint and fasten the bayonet. Insert the transfer splint to the core of the tank. Add buffer until the transfer splint is immersed in buffer.

NOTE:

- a. Please pay attention to the direction of positive and negative.
 - b. Before the experiment, cool the Transfer Buffer in a refrigerator.
4. Carefully place the lid on the tank, connect to a power supply, and start the transfer.

NOTE: To ensure good results, please keep the temperature at 4°C

5. After transfer is complete, take out the transfer splint and remove the nitrocellulose membrane. The membrane is ready for further processing, such as blocking, depending on the downstream experiment.

WARRANTY

Our company guarantees that this unit is warranted against defective material and workmanship for a period of one year from the date of shipment. We will repair or replace the defective equipment returned during the warranty period free if the equipment has been used under normal laboratory conditions and in accordance with the instruction in this manual. The following defects are specifically excluded:

1. Damage caused by accident, misuse, or abuse
2. Damage caused by disaster
3. Repair or modification by anyone else without our authorization
4. Corrosion due to the use of improper solvent or sample
5. Defects caused by improper operation
6. Use of fittings or other spare parts supplied by different manufacturers

This warranty does not apply to platinum wire and all the accessories.

A return authorization must be obtained from us before returning any product for repair on a freight prepaid basis.

For any inquiry or request for repair service, please contact BT Lab Systems via the email below.

E-Mail: info@BTLabSystems.com

TECHNICAL SUPPORT

BT Lab Systems offers technical support for all of its products. If you have any questions about the product's use or, operation, please contact BT Lab Systems at the following info.

E-Mail: info@BTLabSystems.com