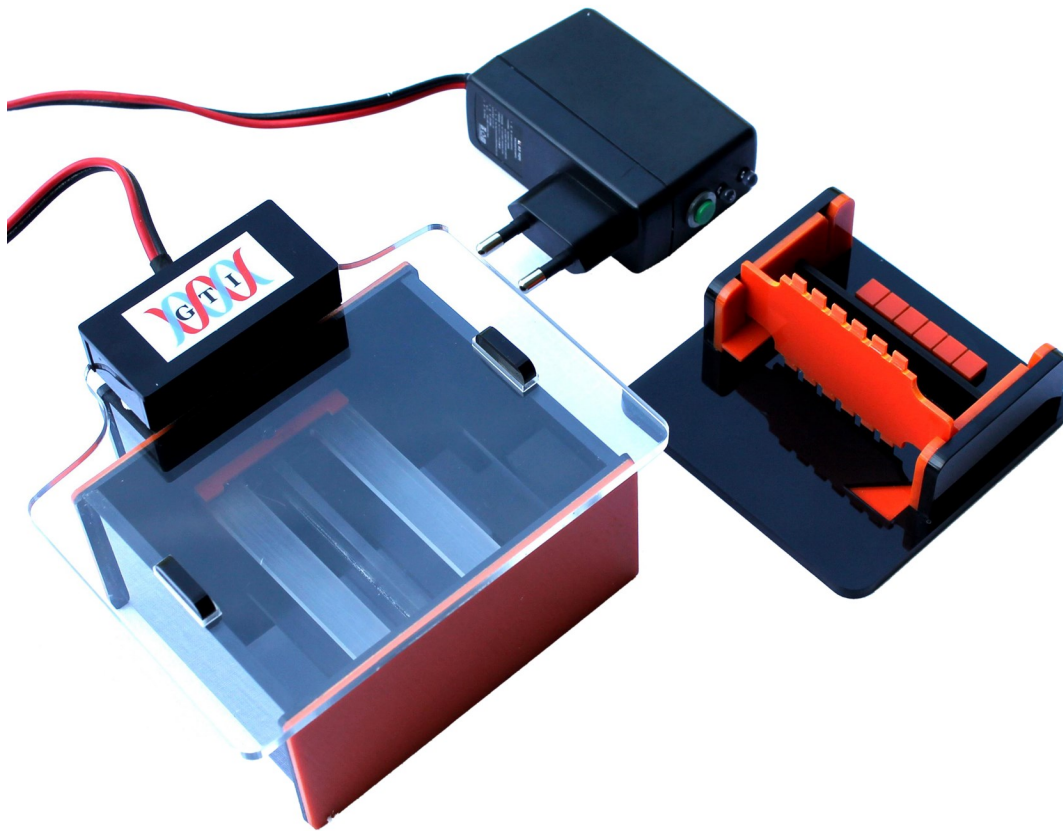

GTI-Haemoglobin Electrophoresis Apparatus

Instruction Manual



(IPO Design No: 19831-D)

Electrophoresis is a commonly used technique for the separation of haemoglobin fractions. GTI-Haemoglobin Electrophoresis Apparatus is specifically designed to provide high quality results at minimal cost. It can provide useful diagnostic information about most types of thalassaemias and abnormal haemoglobins.

The package includes:

Electrophoresis Tank

The electrophoresis tank has two buffer compartments with fixed bridges to accommodate cellulose acetate electrophoresis strips measuring 37 X 57 mm in size. Each compartment is equipped with a platinum electrode. The tank has transparent lid that allows visualization of the electrophoresis run.

Sample Applicator

The sample applicator can take six samples at a time. The applicator includes a two sided comb and an application rack with two fixed slots for sample loading and application. The left side of the rack is designed to hold 37 X 57 mm electrophoresis strips.

Mini Power Supply

The mini power supply is designed to deliver 250 volts for approximately 15 minutes. The on and off operation is indicated by green and red LEDs.

Haemoglobin Electrophoresis kit X 1 (100 tests).

One year user license of **GTI-Thal-IT® App**.

Cleaning and Care

The electrophoresis tank may be cleaned with mild detergent.

Electrodes are the most delicate part of the electrophoresis tank. These may be washed with running tap water without touching the electrodes.

Never clean the apparatus with organic solvents like acetone or chloroform etc.

The sample applicator tiles and the comb must be thoroughly washed with running tap water before the haemolysate on these gets dried. The applicator and the comb should be gently dried with tissue paper.

Operating Instructions:

A video on how to operate the GTI-Haemoglobin Electrophoresis Apparatus may be accessed at: <https://www.youtube.com/watch?v=bCFa2n8hYqg&feature=youtu.be>

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