

# The Rath Mechanical

Treatment Table



  
Hill Laboratories  
COMPANY

REFERENCE MANUAL

# *Congratulations!*

And welcome to the Hill Laboratories family

Hill Laboratories has been making quality a family business since 1945. Your new Rath Mechanical Table is built on an established Hill tradition of innovation and value. Our reputation rests on the confidence that your Hill Table will strengthen this legacy and provide you with solid, reliable service for many years to come.

## **IMPORTANT!**

Your Hill Table or Chair has advanced electronics with critical functions that are controlled by a circuit board.

Since electrical spikes, surges and undervoltage can be detrimental to electronic components, we require, in order to maintain your warranty, that you protect your table with an automatic voltage regulator.

The APC LE1200 voltage regulator, rated at 1200 VA, is one example of a device that provides a minimum level of required protection.

# *At Your Service*

## The Hill Laboratories Guarantee

Your Hill Laboratories Rath Mechanical Table has been thoroughly tested and inspected before shipment. All parts are guaranteed against defect in materials for one full year from date of purchase. During this period, any such defect will be remedied by Hill Laboratories or by a factory-authorized repair service without charge. Tables damaged by mishandling or accident will be repaired at a reasonable charge.

All correspondence should be directed to your local dealer, or when this is not possible, to Hill Laboratories directly.

We appreciate your business and your confidence in our product. Our aim is to provide you with excellent service and satisfaction for many years to come.

*Howard A. Hill*

President of Hill Laboratories Company

Table Serial Number \_\_\_\_\_

# Ready for use

Your Rath Mechanical Table comes ready to plug into any 115 v outlet.

## Durable Vinyl Upholstery

See Table Care page for cleaning and care details

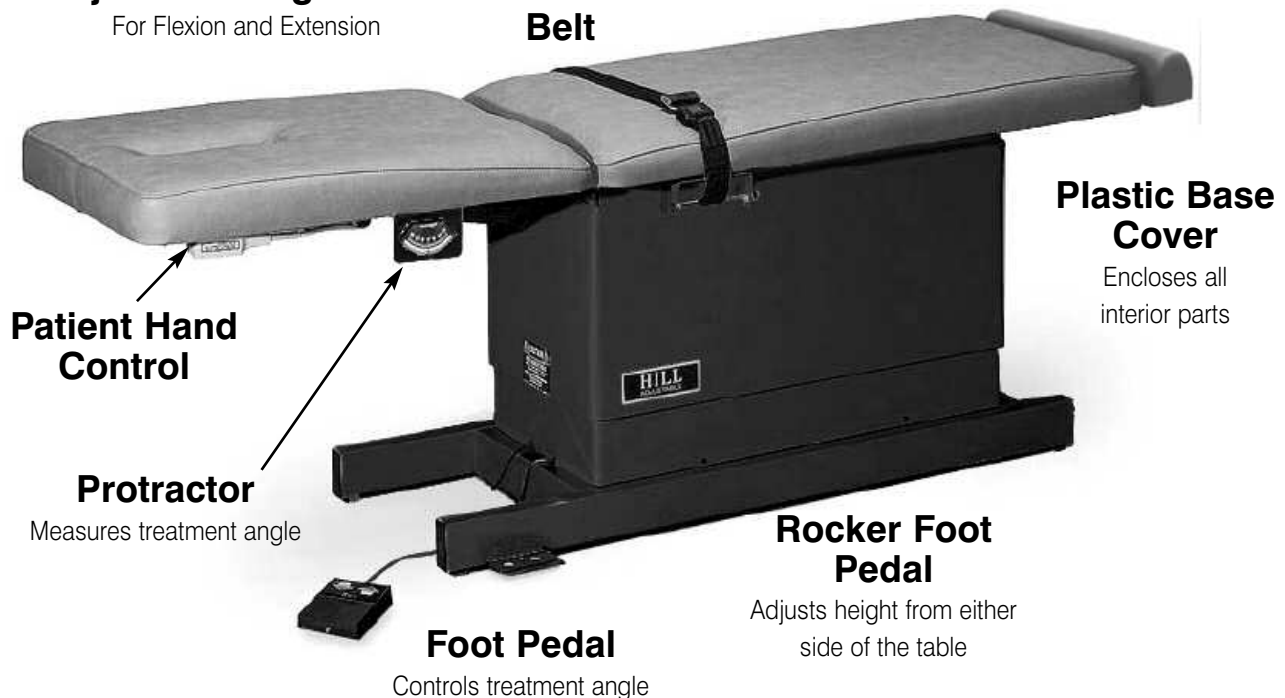
## Foot Cushion

Slides to stabilize patients

## Adjustable Angle Front

For Flexion and Extension

## Belt



## Patient Hand Control

## Protractor

Measures treatment angle

## Foot Pedal

Controls treatment angle

## Rocker Foot Pedal

Adjusts height from either side of the table

## Plastic Base Cover

Encloses all interior parts

**IMPORTANT:** This table should be used for positioning only and is not designed for continual motion techniques.

## Specifications

### Table Rating

Lifts up to 400 lbs. Static Tested at 1000 lbs.

### Height Range - 22" - 35"

**Standard Width** - 24", optional 27" or 30"

### Length Reclined - 6'1"

### Table Base Skirting

Acrylic thermo-plastic

### Foam

Ultra-Cell® for comfort and shape retention

### Shipping Weight

Approximately 250 lbs

### Electric Requirements

115 v~, 60 Hz., 5 A, 10 A, where specified - 230 v~, 50 Hz.

**Note:** Grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked hospital only or hospital grade. There is no EMI concern related to the safe operation of this table.

### Transportation and Storage Conditions

#### Ambient Temperature Range:

-30°C to +60°C (-22°F to 140°F)

#### Relative Humidity

0% to 90% (non-condensing)

# Table Care

## Cleaning Your Table

Your Hill Table comes upholstered in a highly durable vinyl material. Its appearance is guarded by Prefix™ brand protective finish. Your upholstery may be cleaned with the Hill Laboratories Vinyl Cleaner or any non-abrasive household detergent without change to surface luster. Stubborn stains can be cleaned with most common solvent cleaners such as naphtha (lighter fluid), rubbing alcohol (IPA type), toluene, Coleman gas, turpentine (paint thinner), and nail polish remover (50/50 mixture of acetone and water) with no change to surface luster or color. One hundred percent acetone can also be used for short periods but it is suggested that it first be tested on an inconspicuous area of the table.

**Caution:** These solvents are highly flammable; exercise proper care when cleaning with these materials and do not use near open flame or intense heat. Wear rubber gloves during all cleaning activities. When cleaning other parts of your table (besides upholstery) use only nonabrasive household detergents and water.

## Cautions and Symbol Explanation

**Caution:** Be sure to unplug your table before performing any maintenance on the table.

**Caution:** The table should be checked once a year to make sure all internal and external bolts are secure.

**Caution:** The table should be in its lowest height position when not attended.

**Caution:** In case of power outage, the table will rely on the generator back-up of the facility where the table is installed for powering the table to its lowest position.

**Caution:** The power cord shall be located to avoid objects being rolled over or placed on top of it and also to avoid people tripping over it. Damaged cords should be replaced with another of hospital grade.

**Caution:** Grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked hospital only or hospital grade.

**Symbols - Each of the symbols below are used in your product labeling. An explanation of each is below.**



**Attention Symbol**  
consult accompanying  
documents



**Dangerous Voltage  
Symbol**



**Type BF Applied  
Part Symbol**

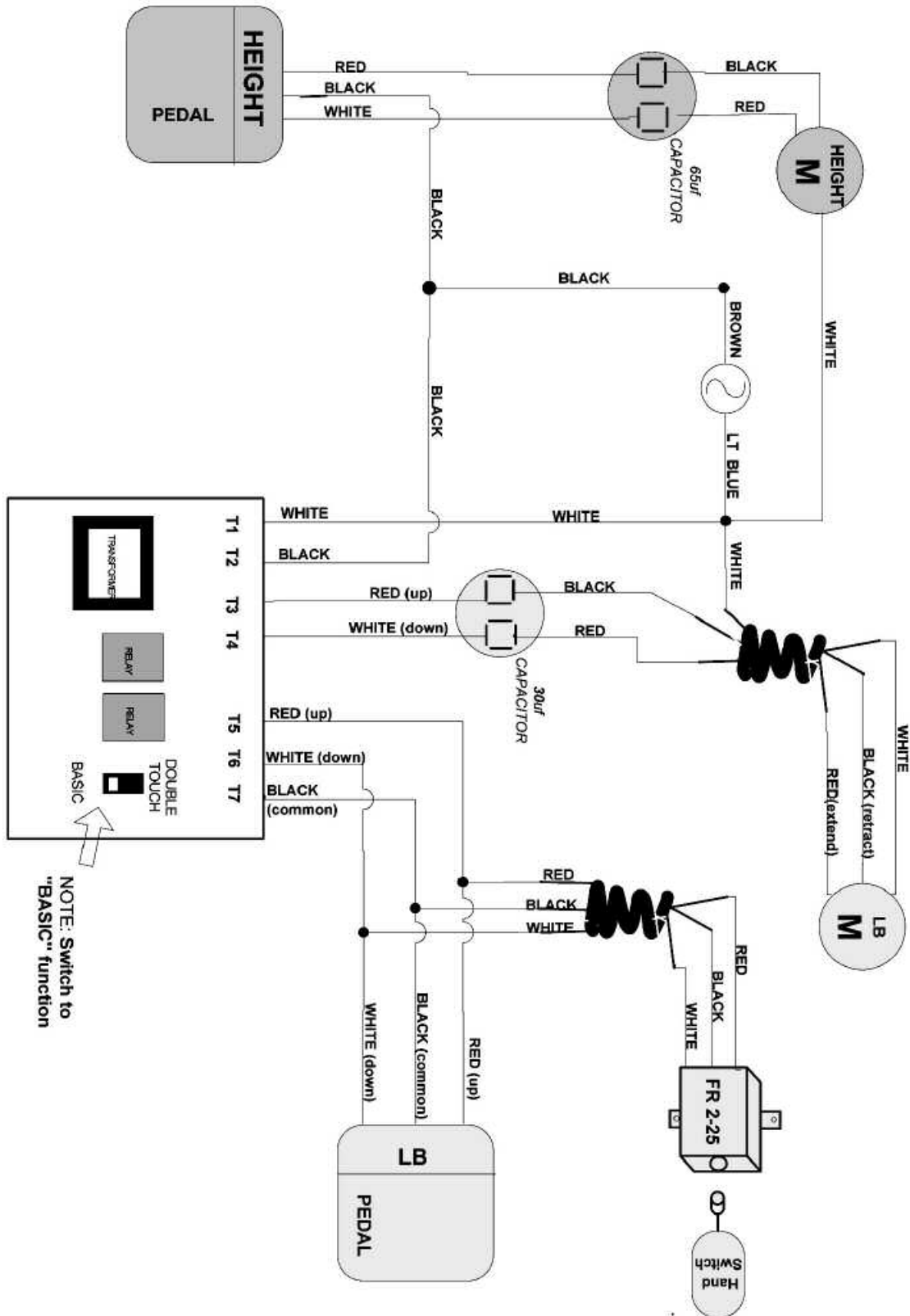


**Ground  
Symbol**



**Alternating Current  
Symbol**

# Wiring Diagram





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