

# **RT55-01-2025 CONTRACT**

**SUPPLY, DELIVERY, INSTALLATION,  
COMMISSIONING AND MAINTENANCE OF  
THERAPEUTIC REHABILITATION EQUIPMENT TO THE  
STATE FOR THE PERIOD SIXTY (60) MONTHS**

**BROCHURE OF AWARDED ITEMS**

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Item Number: RT55-02-020

### SAEHAN FINGER CIRCUMFERENCE GAUGE

Catalogue Code: SH5023-1



- Measure the circumference of a joint or digit;
- Wrap webbing around the finger and read circumference directly from the ruler;
- Measured in inches and centimetres.

**PRICE: R 399 Incl VAT**

Item Number: RT55-02-022

### SAEHAN FINGER GONIOMETER STAINLESS STEEL

Catalogue Code: SH5100/3447-839



- Measures range-of-motion of finger joints (metacarpophalangeal and interphalangeal) and other small joints including toes.
- Head has two opposing 180° scales marked in 5° increments.
- All linear scales in inches and centimeters on the arm.

**PRICE: R 496 Incl VAT**

Item Number: RT55-02-023

### SAEHAN GONIOMETER 30CM

Catalogue Code: SH5203/WH-G300



- Measures range-of-motion of finger joints (metacarpophalangeal and interphalangeal) and other small joints including toes.
- Head has two opposing 180° scales marked in 5° increments.
- All linear scales in inches and centimeters on the arm.

**PRICE: R 261 Incl VAT**

Item Number: RT55-02-024

### SAEHAN POCKET GONIOMETER 17CM

Catalogue Code: SH5200



- Goniometer, 17cm long.
- Reads 0° to 180° in 5° increments.
- One arm has a linear scale in inches and centimeters.

**PRICE: R 222 Incl VAT**

### SAEHAN GONIOMETER 20CM

Catalogue Code: SH5202



- Goniometer, 20cm long.
- Reads 0° to 90° and 0° to 180° in 1° increments – total of 360°.
- Both arms have a linear scale in inches and centimeters.

**PRICE: R 193 Incl VAT**

### BASELINE EXTENDABLE GONIOMETER

Catalogue Code: MVS12-1035



- The Lafayette Goniometer has extendable arms, which allows it to lie over anatomical bony landmarks. This results in the ability to measure all joints, no matter how big or small.
- The goniometer also has a magnifying lens to read the double 180 degree scale.
- 24 x 26 cm
- 180°

**PRICE: R 3 039 Incl VAT**

## SAEHAN 6 PIECE GONIOMETER SET

Catalogue Code: SH5206



This set of goniometers is made from durable, hard plastic and includes the below items:

Set includes:

- SH5200 - Pocket Goniometer 17cm
  - SH5201 - Goniometer 16cm
  - SH5202 - Goniometer 20cm
  - SH5203 - Goniometer 30cm
  - SH5204 - Flexion/Hyper Extension Goniometer
  - SH5205 - Rulong Goniometer 22cm
- Soft Carry Case

### SH5200 - Pocket Goniometer - 17cm x 180°



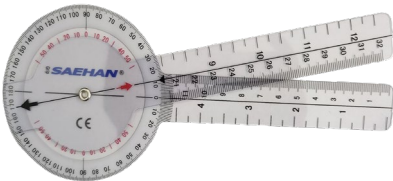
Goniometer, 17cm long.  
Reads 0° to 180° in 5° increments.  
One arm has a linear scale in inches and centimeters.

### SH5201 - Goniometer - 16cm x 360°



Goniometer, 16cm long.  
Reads 0° to 90° and 0° to 180° in 1° increments - total of 360°  
One arm has a linear scale in inches and centimeters.

### SH5202 - Goniometer - 20cm x 360°



Goniometer, 20cm long.  
Reads 0° to 90° and 0° to 180° in 1° increments – total of 360°.  
Both arms have a linear scale in inches and centimeters.

### SH5203- Goniometer - 30cm x 360°



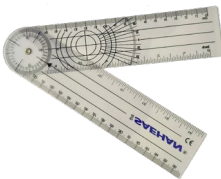
Goniometer, 32cm long  
Reads 0° to 90° and 0° to 180° and 0° to 360° in 1° increments.  
One arm has a linear scale in inches and centimeters

### SH5204 - Flexion/Hyper-extension Goniometer -



Clear plastic finger goniometer measures a range of 30° hyper-extension through 120° flexion.  
For ROM measurements of MCPs, PIPs and DIPs.

### SH5205 - Rulong Goniometer - 22cm



Goniometer, 22cm long.  
Reads 0° to 180° in each direction at 2° increments

**PRICE: R 1 562.50 Incl VAT**

## MOBILE POSTURE MIRROR

Catalogue Code: 3446-311SA

*Professional-Grade Postural Assessment Solution for Clinical & Rehabilitation Environments*

The Mobile Posture Mirror is a robust, free-standing assessment tool designed for accurate postural analysis in physiotherapy, rehabilitation, chiropractic, biokinetics, and clinical settings. Engineered for durability, mobility, and stability, this unit provides healthcare professionals with a practical and reliable visual feedback system to support patient evaluation and corrective exercise programmes.

Its heavy-duty steel construction and smooth mobility allow for effortless positioning within treatment rooms, gyms, wards, and multidisciplinary facilities, making it ideal for high-volume clinical environments.

### Key Features

#### **Powder-Coated Steel Frame**

Heavy-duty steel construction with a corrosion-resistant powder-coated finish ensures long-term durability and a professional clinical appearance.

#### **15 mm Toughened, Shatter-Proof Glass**

High-strength safety glass with reinforced wood backing provides enhanced stability, impact resistance, and safety in busy treatment areas.

#### **360° Vertical Tilt with Locking Mechanism**

Full vertical rotation allows precise positioning for seated or standing assessments. The secure locking system maintains stability during use.

#### **Four Replaceable Castor Wheels**

Smooth-rolling castors allow effortless repositioning between treatment rooms or therapy spaces. Castors are replaceable for long-term serviceability.

### Specifications:

#### **Overall Dimensions:**

157 cm (H) × 59 cm (W) × 56 cm (D)

#### **Mirror Dimensions:**

123 cm (H) × 47 cm (W) × 3 cm (T)

#### **Construction:**

- Powder-coated steel frame
- 15 mm toughened safety glass
- Reinforced wood backing
- Four replaceable castors
- 360° lockable vertical tilt
- 



**PRICE: R 3 921 Incl VAT**

## BASELINE 8 PIECE SENSORY EVALUATOR HAND KIT

Catalogue Code: MVS12-0119



Includes:

- 200 pound (90kg) capacity hydraulic hand dynamometer (blue);
- 50 pound (22kg) capacity hydraulic pinch gauge (blue),
- 6 inch (15cm) stainless steel finger goniometer,
- 180 degree 6 inch (15cm) plastic goniometer
- Discim-A-Gon 2 Point Discriminator;
- Finger circumference gauge;
- Tactile 5-piece monofilament set;
- Protective Carry Case.

CE Certified.

### Hydraulic Hand Dynamometer



The hand dynamometer can be used to measure grip strength. It is calibrated in pounds and kilograms of force. The grip handle is adjustable to accommodate various hand sizes. The red maximum pointer will remain at the subject's maximum reading until it is reset.

### Hydraulic Pinch Gauge



The hand dynamometer can be used to measure grip strength. It is calibrated in pounds and kilograms of force. The red maximum pointer will remain at the subject's maximum reading until it is reset.

### 6 inch Stainless Steel Finger Goniometer



The finger goniometer can be used to measure active or passive joint range of motion (ROM). It measures joint flexion and hyper-extension. It is calibrated in degrees.

### Finger circumference gauge



The finger circumference gauge can be used to measure finger diameter and/or swelling associated with edema. It is calibrated in inches and centimeters.

### Plastic HiRes™ 180 Degree Goniometer



The unique design adds a white line behind the measurement gradations to make the readings even easier to read. The 180° head has three scales calibrated to be used with the ISOM (International Standards of Measurement, STFR) system. The arms have a linear scale in both inches and centimeters, and will remain at the last measurement position until reset. The 180° angle scale reads 1° increments.

## BASELINE 8 PIECE SENSORY EVALUATOR HAND KIT CONTINUED



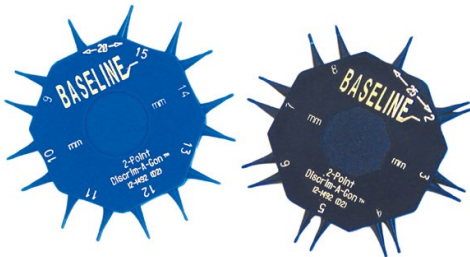
### Measurement Tape

Measurement tape is housed in protective plastic casing for easy opening and retracting. Woven fabric measurement tape is calibrated in inches and centimeters



### Tactile Monofilament - 5-piece Set - Hand - 2.83, 3.61, 4.31, 4.56, 6.65 gram

The Baseline® tactile monofilament evaluator is used to measure cutaneous sensory perception threshold. Each monofilament represents a unique amount of force and has a fitted protective case enables safe storage and transport.



### Discrim-A-Gon® 2-Point Discriminator Set

Discrim-A-Gon® 2-point discriminator set includes two discriminator octagons (wheels). Each octagon measures a different range of 8 labeled, fixed 2-point intervals ranging from 1 mm to 25 mm.

The easy-to-use, lightweight plastic wheel is the perfect sensory evaluation tool to test static and dynamic 1 and 2-point discrimination.

**PRICE: R 22 022 Incl VAT**

## BASELINE MULTI-SETTING TWO-POINT DISCRIMINATOR

Catalogue Code: MVS12-1496



The Baseline multi-setting two-point discriminator is a versatile tool designed to assist with testing static and moving two-point discrimination of fingers, toes or sensory flaps.

The unit consists of two sturdy, rotating plastic disks that are connected together. Each disk is equipped with rounded tips at standard testing intervals for accurate results.

Whether it's for nerve repair tests, grafts studies, innervated tissue transfer exams, or to determine the level of impairment - the two-point discriminator can provide you with reliable data every time. It also comes with instructions and a protective carrying case, making it easy to take on-the-go.

Experience precise and accurate results with the Baseline multi-setting two-point discriminator.

**PRICE: R 1 235,75 Incl VAT**

**BALANCE PAD**

*Catalogue Code: CB-0240*

Provides an unstable surface for balance and coordination training.

Due to its dimensions, the entire trunk musculature can be trained in the abdominal and supine position. Also ideal for supporting and intensifying yoga and pilates exercises.

The SIREX foam technology sets new standards and makes the Balance-pad a high-quality product.

High Quality Closed cell Foam technology ensures no deformations over the lifespan of the pad



**PRICE: R 730.25 Incl VAT**

## BASELINE 8 PIECE SENSORY EVALUATOR HAND KIT

Catalogue Code: MVS12-0119



Includes:

- 200 pound (90kg) capacity hydraulic hand dynamometer (blue);
- 50 pound (22kg) capacity hydraulic pinch gauge (blue),
- 6 inch (15cm) stainless steel finger goniometer,
- 180 degree 6 inch (15cm) plastic goniometer
- Discim-A-Gon 2 Point Discriminator;
- Finger circumference gauge;
- Tactile 5-piece monofilament set;
- Protective Carry Case.

CE Certified.

### Hydraulic Hand Dynamometer



The hand dynamometer can be used to measure grip strength. It is calibrated in pounds and kilograms of force.

The grip handle is adjustable to accommodate various hand sizes. The red maximum pointer will remain at the subject's maximum reading until it is reset.

### Hydraulic Pinch Gauge



The hand dynamometer can be used to measure grip strength. It is calibrated in pounds and kilograms of force.

The red maximum pointer will remain at the subject's maximum reading until it is reset.

### 6 inch Stainless Steel Finger Goniometer



The finger goniometer can be used to measure active or passive joint range of motion (ROM). It measures joint flexion and hyper-extension. It is calibrated in degrees.

### Finger circumference gauge



The finger circumference gauge can be used to measure finger diameter and/or swelling associated with edema. It is calibrated in inches and centimeters.

### Plastic HiRes™ 180 Degree Goniometer



The unique design adds a white line behind the measurement gradations to make the readings even easier to read.

The 180° head has three scales calibrated to be used with the ISOM (International Standards of Measurement, STFR) system.

The arms have a linear scale in both inches and centimeters, and will remain at the last measurement position until reset.

The 180° angle scale reads 1° increments.

## BASELINE 8 PIECE SENSORY EVALUATOR HAND KIT CONTINUED



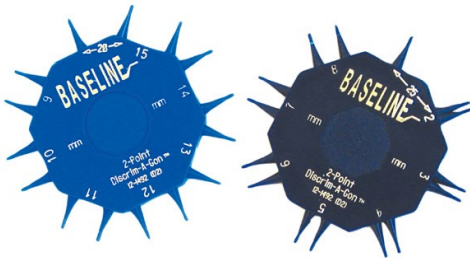
### Measurement Tape

Measurement tape is housed in protective plastic casing for easy opening and retracting. Woven fabric measurement tape is calibrated in inches and centimeters



### Tactile Monofilament - 5-piece Set - Hand - 2.83, 3.61, 4.31, 4.56, 6.65 gram

The Baseline® tactile monofilament evaluator is used to measure cutaneous sensory perception threshold. Each monofilament represents a unique amount of force and has a fitted protective case enables safe storage and transport.



### Discrim-A-Gon® 2-Point Discriminator Set

Discrim-A-Gon® 2-point discriminator set includes two discriminator octagons (wheels). Each octagon measures a different range of 8 labeled, fixed 2-point intervals ranging from 1 mm to 25 mm.

The easy-to-use, lightweight plastic wheel is the perfect sensory evaluation tool to test static and dynamic 1 and 2-point discrimination.

**PRICE: R 19 950 Incl VAT**

## SAEHAN HYDRAULIC HAND DYNAMOMETER

Catalogue Code: SH5001



### Features:

- Gives accurate grip strength readings without the subject being able to “feel” the handle move;
- Designed for reliable grip force evaluations from 0 – 90kg;
- Dual scale readout display, lb and kg;
- Peak-hold needle automatically retains the highest reading until reset;
- Handle easily adjusts 5 grip positions to accommodate any hand size;.
- CE marked and FDA approved

### Includes:

- Hydraulic hand dynamometer;
- Carry case.

**PRICE: R 6 957.50 Incl VAT**

## SAEHAN HYDRAULIC PINCH GAUGE

Catalogue Code: SH5005



### Features:

- Internationally accepted design;
- Highly accurate test results for all pinch tests (tip, key, and palmar);
- Range 0 - 45 lbs(0 to 20 kg);
- Dual scale shows both pounds and kilograms;
- Peak-hold needle automatically retains highest reading until reset;
- CE marked and FDA approved.

### Includes:

Hydraulic pinch gauge;  
Soft Carrying case.

**PRICE: R 5 025 Incl VAT**

## ASTAR PHYSIOGO LITE LASER WITH BATTERY

Catalogue Code: ASTAR-PGLA



The PhysioGo.Lite is a versatile, clinically advanced laser therapy system designed to support precision biostimulation, pain management, and tissue regeneration.

Combining intuitive operation with powerful treatment capabilities, the system delivers flexible laser therapy solutions for physiotherapy clinics, rehabilitation centres, sports medicine facilities, and specialist practices.

With an integrated 5" colour touchscreen, extensive preset program database, and compatibility with multiple applicator types, PhysioGo.Lite offers both efficiency and clinical control in a compact, portable design.

### Clinical Control & Intelligent Operation

- 5" colour touchscreen display
- Single independent treatment channel
- Manual treatment mode
- Treatment programs selectable by medical field or disease entity
- Built-in treatment methodology encyclopedia
- Preset program database (175 programs)
- User-defined and favourite programs
- Editable program names
- Automatic dose and time calculation based on parameters
- Automatic laser radiation power test
- Treatment statistics tracking
- Automatic procedure repetition option
- Adjustable buzzer volume
- STAND-BY mode

Optional Li-ion battery with power-saving mode

### Comprehensive Laser Therapy Capabilities

The PhysioGo.Lite supports operation with:

- Scanning laser applicators
- Cluster laser applicators
- Point probes
- Optical fiber applicators (for laserpuncture and ENT applications)

### Emission Modes

- Continuous mode
- Pulse mode (1 – 5000 Hz)
- Adjustable duty factor (10–90%)
- Adjustable radiation power
- Pilot beam for accurate treatment positioning
- Three dedicated irradiation modes are available for scanning applicators, with additional modes for optical fiber cooperation.

### Extensive Preset Treatment Programs

Built-in database includes:

- 175 total treatment programs
- 39 IR point probe programs
- 18 red point probe programs
- 8 Nogier frequency programs
- 30 Voll frequency programs
- 54 cluster applicator programs
- 26 scanning laser program sequences
- This comprehensive library allows rapid selection of evidence-based protocols while maintaining flexibility for customised treatments.

## ASTAR PHYSIOGO LITE LASER WITH BATTERY CONTINUED

### Laser Therapy Technical Specifications

#### Device Classification

Laser Class: 3B

Treatment timer: 1 second – 100 minutes

### Biostimulation Laser Point Probes

#### Red Light Probe

- Wavelength: 660 nm
- Maximum Power: 80 mW
- 

#### Infrared Probe

- Wavelength: 808 nm
- Maximum Power: 400 mW
- Power regulation: 25%, 50%, 75%, 100%
- Pulse frequency: 1 – 5000 Hz
- Duty factor: 10 – 90%
- Pulse duration: 50  $\mu$ s

### Scanning Laser Applicator

- Wavelengths: 808 nm & 660 nm
- Maximum Power: 450 mW & 100 mW
- Power regulation: 50% or 100%
- Pulse frequency: 1 – 5000 Hz
- Duty factor (pulse mode): 75%

Three selectable irradiation field modes optimise area treatment efficiency.

### Cluster Laser Applicator

- Wavelengths: 4  $\times$  808 nm & 5  $\times$  660 nm
- Maximum Power:
  - 4  $\times$  400 mW (infrared)
  - 5  $\times$  40 mW (red)
- Power regulation: 50% or 100%
- Pulse frequency: 1 – 5000 Hz
- Duty factor: 10 – 90%
- Designed for broader treatment areas and enhanced energy distribution.

### General Technical Specifications

- Dimensions: 25  $\times$  27  $\times$  16.5 cm
- Weight: 3 kg
- Power Supply: 100–240 V, 50/60 Hz
- Optional Battery: Li-ion, 2100 mAh

### Why Choose PhysioGo.Lite

- Comprehensive laser therapy platform in one compact unit
- Extensive preset and programmable treatment database
- Precision control for biostimulation and rehabilitation
- Portable design with optional battery operation
- Suitable for physiotherapy, sports medicine, orthopaedics, ENT, and laserpuncture applications

## ENDOLASER 120

Catalogue Code: ASTAR-PGLA



High-Performance Therapeutic Laser System  
The Endolaser 120 is a powerful, precision-engineered therapeutic laser designed to eliminate pain, reduce inflammation, and accelerate tissue healing.

Combining advanced pulsed and continuous wave technology with evidence-based clinical protocols, the Endolaser 120 delivers deep tissue penetration without thermal damage — offering clinicians a safe, drug-free and non-invasive treatment solution.

### Advanced Laser Technology for Superior Clinical Outcomes

#### 905 nm GaAs Pulsed Laser (Deep Tissue Therapy)

The 905 nm GaAs laser probe delivers ultra-short nanosecond pulses, producing:

- Average power of 100 mW
- Peak power of up to 100 W per diode

This generates a high photon density at tissue depth, enabling effective treatment of:

- Joints
- Vertebrae
- Deep back musculature
- Chronic musculoskeletal pain

The pulsed wave mode enhances penetration through melanin and skin barriers, making it especially effective for deeper anatomical structures.

#### 808 nm GaAlAs Continuous Wave Laser (Tissue Repair)

The 808 nm laser is ideal for:

- Wound healing
- Soft tissue repair
- Surface-level inflammation

Scientific evidence demonstrates that pulsed and continuous wave laser therapies produce different biological effects, allowing the Endolaser 120 to address a broad range of clinical indications.

#### Evidence-Based Clinical Guidelines Built-In

The Endolaser 120 incorporates dosage recommendations aligned with evidence-based guidelines for:

- Pain management
- Musculoskeletal disorders
- Inflammatory conditions
- Soft tissue injuries

With 22 preprogrammed clinical protocols and the ability to store up to 20 favourites, therapists can deliver consistent, reproducible treatments with confidence.

#### Multiple Laser Probes for Targeted Therapy

The system supports a range of interchangeable probes:

- Single probes (100 mW and 500 mW) for focused treatment areas
- Cluster probe with 4 diodes delivering up to 1600 mW total output for larger treatment zones
- Automatic probe recognition for seamless operation

Each ergonomic probe can be used with or without skin contact and features:

- Integrated start/pause button
- Emission state indicator light
- Red target light for accurate non-contact positioning

## ENDOLASER 120 CONTINUED

### Intelligent Control & Precision Monitoring

- Full colour touchscreen interface
- Quick-access power buttons for easy dosage adjustment
- Automatic dosage and time adjustment based on selected output power
- Smart laser monitoring system for high accuracy
- Automatic recognition of connected probes
- Compact and lightweight design

Operation is fast and intuitive — delivering therapy “with the speed of light.”

### Technical Overview

#### Laser Types

- GaAs (905 nm pulsed)
- GaAlAs (808 nm continuous wave)

#### Maximum Cluster Probe Output

- Up to 1600 mW

#### Mains Voltage

- 100 – 240 V
- 50/60 Hz
- Maximum power output: 30 VA

#### Dimensions

- 22 × 17 × 8.5 cm (1 holder model)
- 30 × 17 × 8.5 cm (2 holder model)

#### Weight

- 842 g (1 holder)
- 976 g (2 holder)

#### Laser Classification

- Laser Class 3B (IEC 60825-1)
- Electrical Safety Class I (IEC 60601-1)
- Type B applied part

#### Standard Accessories

- Laser Safety Eyewear (2 goggles)
- Mains Cable (250V / 2.5A, 2.5 m)
- Information Booklet
- Instruction for Use (PDF)

**PRICE: R 120 750 Incl VAT**