Products CATALOGUE

2019 ~ 2020





Welcome to SAEHAN®

For the past 49 years, SAEHAN has been a leading manufacturer of Measurement devices and Rehabilitation products such as Hydraulic Hand Dynamometer and Pinch Gauge.

All of us at SAEHAN have devoted ourselves in order to develop the state-of-the-art quality products at a reasonable price for the market.

This catalog introduces our main products with an easy-to-follow guide to help you make the right selections for the right products.

SAEHAN will try in every way to meet all your expectations and demands and provide the best possible after-service.

Sincerely,

January 2019

Gil Jeon President & CEO



History

1969. 08	Established SAEHAN Corporation in Yangpyong-Dong, Yongdeungpo-Gu, Seoul, Korea
	Tony Kim was elected as the 1st president & CEO
1971. 10	Joint-ventured with J.A. Preston Corporation in New York
1974. 04	Moved into Masan Free Export Zone in Masan, Korea
1976. 04	Started to sell Hydraulic Hand Dynamometer exclusively through Preston with JAMAR trade name
1980.06	SAEHAN Corporation registered to FDA, operator# 8040255
1983. 01	Registered Hydraulic Hand Dynamometer and other products to FDA
1998. 06	Bissell transferred its shares to SAEHAN, and terminated Joint-venture company
2001. 08	Terminated business with Sammons Preston Corporation
2002.04	Agreed with Duomed, Inc in Florida as Distributor, and started the sales business in the States again
2003.01	Got CE Mark for Hydraulic Hand Dynamometer and other products
2005.05	Registered Digital Hand Dynamometer and others to FDA, and got CE Mark for Digital Hand
	Dynamometer and others.
2010. 09	Registered Trade Mark registration to USPTO
2013. 08	Approved CE Marked for Digital Hand Dynamometer (DHD-1/DHD-3)
2017. 09	Launched new model, Mechanical Pinch Gauge, designed and manufactured by SAEHAN

Certificates

■ FDA approved



Establishment or Trade Name : SAEHAN CORPOTRATION

Resistration or FEI Nnmber: 8040255



Introducing Digital Hand Dynamometers

It is my pleasure to introduce two, all-new Digital Hand Dynamometers from SAEHAN Corporation. The **DHD-1** Digital Hand Dynamometer which can upload saved test results to a PC, and the more advanced **DHD-3** Digital Hand Dynamometer with **G-STAR** (**G**rip **S**trength **T**esting **A**nd **R**esearch) software.

Both new models represent the latest electronic technology applied to the familiar design of hydraulic hand dynamometers. Utilizing electronic load cell transducers instead of hydraulic fluid mechanisms that are prone to leakage; the DHD-1 and DHD-3 are extremely durable and designed to last for many years. Highly accurate grip strength measurement from 0-200 pounds (lbs.) or from 0-90 kilograms (kg) are digitally displayed on the LCD, and up 20 test results for each hand can be stored in memory during testing. The built-in battery is long lasting and can be recharged during usage when connected to a PC using the USB cable provided.

The **DHD-1 Digital Hand Dynamometer (SH1001)** is a stand-alone device developed to be used Just like our traditional hydraulic hand dynamometers. With the added capability to save strength testing results in memory, strength testing can be performed and the results reviewed and recorded after all tests are completed. When connected to a PC using the USB cable, the Data Transfer Software can transfer the stored test results from the DHD-1 memory into text (.txt) files which can be easily accessed using Notepad or MS-Word for editing and printing.

The **DHD-3 Digital Hand Dynamometer (SH1003)** provides the same features as the DHD-1 when used as a stand-alone device, but adds automated Rapid Exchange Grip Testing. Using Auto Mode, up to 10 test strength tests for each hand as well as the time allowed to switch hands can be configured to automate the testing procedure.

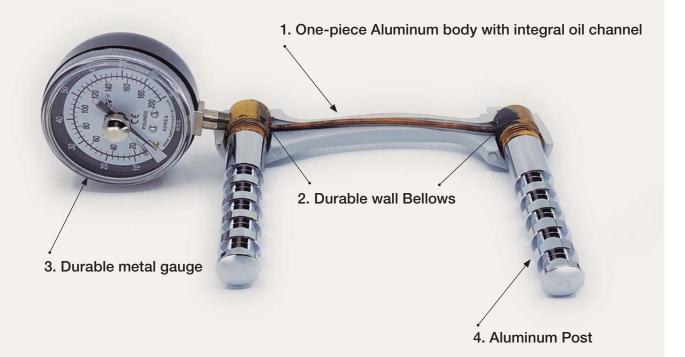
The **Grip Strength Testing and Research (G-STAR)** software extends the DHD-3 capabilities even further. G-STAR is an easy to use, yet powerful software tool which automates grip strength testing and endurance testing in both clinical and research environments. All patient information and their test results are stored in an Access database which includes normative score tables for comparison based on age and gender. Maximum grip strength and grip endurance tests are graphically displayed during testing and can be saved in the database with their associated patient information. In addition, tests saved in the DHD-3 itself when used as a stand-alone device, can be imported into the database when re-connected to the PC using G-STAR.

For more information on the new SAEHAN Digital Hand Dynamometers, visit www.saehanmedical.com. The DHD-1 and DHD-3 software and user manuals can be downloaded by selecting "Dataroom" under the "Customer Support" tab.

SAEHAN Corporation

www.saehanmedical.com, saehancorp@naver.com

Hydraulic Hand Dynamometer



- *Accuracy
- *Strong bellows wall
- *Fewer oil-leakage to prevent oil leakage
- *40 years experience
- *Durable metal gauge and cover keeps from shock



Evaluation





SAEHAN DHD-1 Digital Hand Dynamometer - with DTS Utility for transferring test results

DHD-1, DTS (Data Transfer Software) - Test results can be transferred to PC

- The DHD-1 Digital Hand Dynamometer represents the latest electronic technology applied to the familiar design of hydraulic hand dynamometer.
- Utilizing electronic load cell transducers instead of hydraulic fluid mechanisms that are prone to leakage; the DHD-1 is extremely durable and designed to last for many years.
- Highly accurate grip strength measurement from 0-200 pounds (lbs.) or from 0-90 kilograms (kg) is digitally displayed on the LCD and up to 40 test results (20 test results for each hand) can be stored in memory.
- Including carrying case
- CE marked and FDA approved.

For more information, visit web; <u>www.saehanmedical.com</u>. The DHD-1 software (DTS) and user manual can be downloaded by selecting "Dataroom" under the "Customer Support" tab.



► SH1003

SAEHAN DHD-3 Digital Hand Dynamometer including G-STAR™ Testing Software

DHD-3, Auto Mode - Quick performance can be done to save time

- The DHD-3 Digital Hand Dynamometer provides the same features as the DHD-1 when used as a standalone device, but adds automated Rapid Exchange Grip Testing. Using Auto Mode, up to 10 strength tests for each hand as well as the time allowed to switch hands can be configured to automate the testing procedure.
- Including carrying case
- CE marked and FDA approved.

For more information, visit web; <u>www.saehanmedical.com</u>. The DHD-3 software (G-STAR $^{\text{TM}}$) and user manuals can be downloaded by selecting "Dataroom" under the "Customer Support" tab.



SH5001 ■ SH5001

SAEHAN Hydraulic Hand Dynamometer

This dynamometer has been made for many decades with <u>JAMAR</u> trade name.

Many of improvements has been made and the design is internationally accepted as a standard features.

- Designed for reliable grip-force evaluations from 0 to 200 lbs(0 to 90 kg)
- Dual scale readout displays, lb and kg.
- Peak-hold needle automatically retains the highest reading until reset.
- Handle easily adjusts 5 grip positions from 1 3/8" 3 3/8" in half inch increments to accommodate any hand size.
- Includes carrying case.
- CE marked and FDA approved.



SH5005 SH5005

SAEHAN Hydraulic Pinch Gauge

This Pinch Gauge has been made for many decades with <u>JAMAR</u> trade name.

Many of improvements has been made and the design is internationally accepted as a standard features.

- Practitioner, not patient, supports this 0 45 lbs(0 to 20 kg) device allowing highly accurate test result for all pinch tests (tip, key, and palmar). Dual scale shows both pounds and kilograms. Includes carrying case.
- CE marked and FDA approved.



≥ SH5005-1

SAEHAN Mechanical Pinch Gauge

This Mechanical Pinch Gauge is designed and manufactured by SAEHAN. Some of faults of the standard hydraulic pinch gauge was improved.

The function of pinch measuring is just same as the standard pinch gauge.

Practitioner supports this 0-45 lbs (0 to 20 kgf) device allowing highly accurate test result for all pinch tests (tip, key, and palmar). Dual scale shows both pounds and kilograms. Now can provide the same test results as standard pinch gauge.

Evaluation





SH5000-3

SAEHAN Hydraulic Hand Evaluation Kit, 3 pcs.

Includes 3 pieces;

- Hydraulic Hand Dynamometer (SH5001)
- Hydraulic Pinch Gauge (SH5005)
- Finger Goniometer 5.5"(SH5100) in carrying case
- CE marked and FDA approved.

SH5000-7 ■ SH5000-7

SAEHAN Hydraulic Hand Evaluation Kit, 7 pcs.

Includes 7 pieces;

- Hydraulic Hand Dynamometer (SH5001)
- Hydraulic Pinch Gauge (SH5005)
- Finger Goniometer 5.5"(SH5100)
- 3-point Discriminator, Wartenburg Pinwheel, Finger Circumference Gauge and Functional Finger Motion Gauge.
- All come in a hard-plastic carrying case.
- CE marked and FDA approved.



SH5010

B&L Pinch Gauges (Mechanical Pinch Gauges)

- Precision gauges are the recognized standards for measuring isometric tip, key and palmar pinch strength.
- Measures in pounds and kilograms.
- A red pointer remains at the client's maximum effort.

SH5010-1

Measures 0-10 lbs. (0-4.5kg) in 0.25 lb increments and kilogram scale. Calibration certificate included with accuracy = 0.1 lb.

SH5010-3

Measures 0-30 lbs. (0-13.6kg) in 1.0 lb increments and kilogram scale. Calibration certificate included with accuracy = 0.3 lb.

SH5010-6

Measures 0-60 lbs. (0-27.2kg) in 2.0 lb increments and kilogram scale. Calibration certificate included with accuracy = 0.6 lb.



SH5000-3M

SAEHAN Hand Evaluation Kit, 3pcs

Includes 3 pieces;

- Hydraulic Hand Dynamometer (SH5001)
- SAEHAN Pinch Gauge (Mechanical Pinch Gauge) (SH5005-1)
- Finger Goniometer 5.5"(SH5100) in carrying case
- CE marked and FDA approved



SH5011-3

SAEHAN Hand Evaluation Kit, 3pcs

Includes 3 pieces;

- Hydraulic Hand Dynamometer (SH5001)
- B&L Pinch Gauge (Mechanical Pinch Gauge) (SH5010-1 or SH5010-3 or SH5010-6)
- Finger Goniometer 5.5"(SH5100) in carrying case
- CE marked and FDA approved



SH5011-7

SAEHAN Hand Evaluation Kit, 7pcs

Includes 7 pieces;

- Hydraulic Hand Dynamometer (SH5001)
- B&L Pinch Gauge (Mechanical Pinch Gauge) (SH5010-1 or SH5010-3 or SH5010-6)
- Finger Goniometer 5.5"(SH5100) in carrying case
- 3-point Discriminator, Wartenburg Pinwheel, Finger Circumference Gauge and Functional Finger Motion Gauge
- All come in a hard-plastic carrying case
- CE marked and FDA approved

Evaluation





SAEHAN Spring Hand Dynamometer

- This design for replacing Smedley type Hand Dynamometer is constructed by solid aluminum house.
- A flywheel knob on the lightweight, cast aluminum frame is solid and permits instant adjustment to any hand size.
- Record grasp-strength of 0 to 220 lbs(0 to 100 kg)
- Scale dial provides immediate readout and remains at the maximum reading.
- Includes carrying soft case .
- CE marked and FDA approved.



SH5002-1

Smedley Hand Dynamometer Lightweight Aluminum

- Institutional Smedley Hand Dynamometer.
- Spring type Hand Dynamometer used to measure grip strength.
- Dial marked in both pounds & kilograms.



SH5007

SAEHAN Back-Leg-Chest Dynamometer

- Designed to measure strength of the major muscle groups of the Back, Leg, and Chest
- Heavy duty base provides sure footing
- Chain length is adjusted to accommodate for height differences or to vary the point of force application
- Peak strength needle remains at maximum
- Shows pounds and kilograms. Weight capacity is 660 lbs(300kg).
- CE marked and FDA approved.



SH5008

SAEHAN Squeeze Dynamometer

- This is a new and improved design of a standard product that provides an inexpensive, yet accurate, way to measure hand and finger strength.
- The highly accurate SAEHAN designed gauge, calibrated in pounds and kilograms, gives a readout of the actual force employed.
- The measurement gradation is in increments of 1kg(2.2lbs) at the lower levels and increments of 2kg(4.4lbs) at the upper levels to ensure more accurate test results.
- Choose one of black or brown color.
- CE marked and FDA approved.



SH5020

SAEHAN Skinfold Caliper

- This caliper has been made for many decades with JAMAR trade name.
- Simple, very accurate unit has spring loaded.
- levers and low-pressure bearings for constant pressure
- Scale permits reading up to 60 mm
- Aluminum casted insures years of reliable use.
- Includes carrying case
- CE marked and FDA approved.



SH5020-1

Same as SH5020, but outsourcing



SH5021

SAEHAN Plastic Skinfold Caliper

- Plastic Skinfold caliper is the inexpensive alternative for skinfold analysis.
- Spring-loaded arm assures reproducible pinch.
- Read directly up to 50mm scale
- Complete with booklet and tables.



SH5022

SAEHAN Digital Body Fat Caliper

- Body fat thickness can be guickly and exactly measured.
- Holding measured display values
- mm/inch conversion
- Manual power off; low battery warning
- One CR2032 battery (Lithium battery button cell 3V)
- Range: 0-50mm
- Resolution: 0.01mm/0.0005"



SH5023

SAEHAN Tape measure – circumference

- Measures any body part-arm, thigh, calf, chest, waist, hips, and more.
- Measures in both inches and centimeters.
- (total measurement length: 60" / 152cm)
 Push-button retraction and locking feature ensure snug
- Measurement and superior accuracy.
- Measuring tape will stay in place securely, while you have two free hands to make adjustments and record measurements.

Goniometer



SH5105 SH5104 SH5103 SH5106 SH5100 SH5102

Stainless Steel & Aluminum Goniometers

Professional-quality goniometers feature clearly marked degree increments and easy-to-read centimeter and inch linear measurements on the goniometers, Latex free.

SH5100 Finger Goniometer, 5.5" (14 cm) long

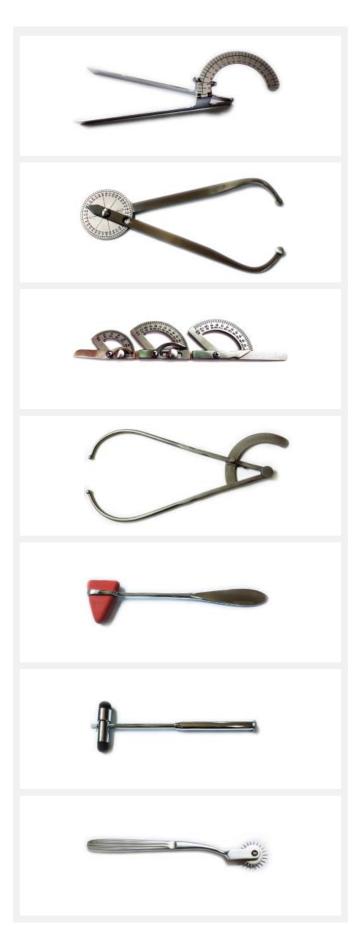
Measures range-of-motion of finger joints (metacarpophalangeal and interphalangeal) and other small joints including toes. Head has two opposing 180° scales marked in 5° increments. All linear scales in inches and centimeters on the arm.

- SH5101 Finger Goniometer, 3.5" (9 cm) long Same as SH5100
- SH5102 Robinson Pocket Goniometer, 7" long (18 cm), 180° Pocket-sized goniometer. 180° scale in 5° increments. 4 inch linear scale and 10 cm linear scale on the arm.
- SH5103 Goniometer, 7.5" long (19 cm), 180° Two opposing scales marked in 1° increments. Tension between the arms is controlled by the thumb knob.
- SH5104 Goniometer, 14" long (36 cm). 180° Two opposing scales marked in 1° increments. Extra-long arms for measuring all joints. Non-locking friction arm.
- SH5105 Goniometer, 14" long (36 cm), 360° One 360° and two 180° scales that read in opposite directions. All marked in 1° increments. Locking arm. Knurled knob adjusts arm tension.
- SH5106 X-ray Goniometer, 8" long (20 cm), 180° Document angles. Two opposing scales marked in 2.5° increments. Black aluminum with easy-to-read white radiopaque markings (doctors and therapyists wearing alasses)

SH5110 6 piece Goniometer Set

Includes 6 pieces;

- SH5100 Finger Gonjometer, 5.5"(14cm) long
- SH5102 Robinson Pocket Goniometer, 7" long(18cm) 180°
- SH5103 Goniometer, 7.5" long(19cm) 180°
- SH5104 Goniometer, 14" long(36cm) 180°
- SH5105 Goniometer, 14" long(36cm) 360°
- SH5106 X-ray Goniometer, 8" long(20cm) 180°
- SAEHAN provides 5 of the most frequently use of Stainless Steel and 1 Aluminum X-ray Goniometers in a padded carrying case.



SH5107 Meltoken Goniometer (Folding)

- Measuring Range 0 to 180 degree in 5 degree increments.
- Total size: 24cm
- Non locking friction arm.
- Measures the flexibility of patient joints. (e.g. Knee or Elbow), usually following accidents and during recovery

SH5108 Goniometer, Tele-type

- Measuring Range 0 to 360 degree in 5 degree increments.
- Two 180 degree scale read in opposite directions.
- Total size: 24cm
- Non Locking friction arm.

SH5109 Three joint type goniometer

- Measuring Range: 3x120 degrees
- Total size: 19cm
- Beautifully manufactured, this advanced measuring instrument offers clinical practitioners new opportunities to monitor and diagnose with accuracy.
- Ideal for assessing spinal curves or finger.

SH5111 Pelvimeter

- Measuring range use for accurate breadth readings of chest, shoulder, pelvis etc.
- Measuring-50cm.
- Marked in inches and centimeters.

SH5112 Taylor Percussion Hammer

- International standard size.
- Triangular-shaped solid rubber head for reflex testing.
- Chrome-plated. Rubber head contains latex.

SH5113 Buck Neurological Hammer

- International standard size.
- With brush in handle and needle in head of hammer.
- Chrome-plated.

SH5114 Wartenberg Pinwheel

- International standard size.
- Consists of a rotating pinwheel attached to a handle. Used by OS, Neurologists, NS, Rehab, and other physicians to test a patient's ability to feel sharp contact with the skin.
- Test for nerve damage or nerve dysfunction.

Goniometer









SH5115-1, SH5115-2 Tuning Forks

- International standard size.
- Evaluate hearing and vibratory sensation to determine peripheral nerve injury loss and return.

SH5115-1 128-cycle for midrange vibration SH5115-2 256-cycle for high-end range

SH5115-3 Rydel-Seiffer Tuning Fork

The Rydel-Seiffer tuning fork can be used to aid the diagnosis of those nervous afflictions defined as large-fiber polyneuropathies which often manifest themselves in the form of reduced sensitivity to vibrations. Disorders which these symptoms may be found in and can be monitored by this tuning fork include:

- Diabetes
- Toxic nerve damage (ETOH, lead, heavy metals)
- Immune mediated neuropathies (AIDP/Gullian Barre,
- B12 deficiency/subacute combined degeneration
- Tabes dorsalis
- Chemotherapeutic related neuropathy
- For more information, visit web: www.saehanmedical.com

SH5116 Tuning Forks set

Includes 5 pieces;

- International standard size.
- Consists of 128-cycle, 256-cycle, 512-cycle, 1024-cycle, and 2048-cycle.
- For more information, visit web: www.saehanmedical.com

SH5118 Combination Neuro Tuning Fork

- Includes needle, brush, pinwheel, and percussion hammer integrated as part of 128Hz aluminum tuning fork.
- 5-in-1 Combination Neuro Tuning Fork Instrument contains all the tool necessary for a complete neurological examination.



Plastic Goniometers

SH5200 Pocket Goniometer, 6 3/4"(17cm) long

- Reads 0° to 180° in 5° increment.
- One arm has a linear scale in inches and centimeters.

SH5201 Goniometer, 6 1/4"(16cm) long

- Reads 0° to 90° and 0° to 180° and 0° to 360° in 1° increment.
- One arm has a linear scale in inches and centimeters.

SH5202 Goniometer, 8"(20cm) long

- Reads 0° to 90° and 0° to 180° and 0° to 360° in 1° increment.
- Both arm has a linear scale in inches and centimeters.

SH5203 Goniometer, 12 1/2"(32cm) long

- Reads 0° to 90° and 0° to 180° and 0° to 360° in 1° increment.
- International standard goniometer.
- 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, 8 1/2"(22cm) long

- Reads 0° to 180° in each direction at 2° increment.
- 0.8mm thickness.

SH5205-1 Rulong Goniometer, 8 1/2"(22cm) long

- Reads 0° to 180° in each direction at 2° increment
- 2.0mm thickness.



SH5206 Plastic Goniometer set

Includes 6 pieces;

- SH5200 Pocket Goniometer, 6 3/4"(17cm) long.
- SH5201 Goniometer, 6 1/4"(16cm) long.
- SH5202 Goniometer, 8"(20cm) long.
- SH5203 Goniometer, 12 1/2"(32cm) long
- SH5204 Flexion/Hyper-extension Goniometer
- SH5205 Rulong Goniometer, 8 1/2"(22cm) long.
- Soft case

Exercise

SH5030

Clinical Model Chair Cycle

This model provides the aerobic benefit of cycle exercise to those who can't sit on bicycles.

Knob handle lets you vary the resistance.

A second knob lets you move the unit forward or backward to accommodate different leg lengths.







Long leg Brace for SH5030 Adaptor kit includes SH5039

Upper Extremity Exercise (UEE) Set for SH5030 Adaptor kit includes SH5033 UEE Set

Accessories for Upper Extremity Set(UEE) and Lower Extremity Set(LEE)

*SH5033 UEE Set

- SH5035 : Long Front Leg

- SH5036 : Extension Arm (Right, Left same)

- SH5037: Hand Strap, Right - SH5038: Hand Strap, Left

- SH5039: Use with Long Leg Brace Set for LEE (Heel

Support + Straight Leg Brace + Stem)

(Right, Left Same)

- SH5040: Bent Leg Brace for LEE(For Special Patient)





SH5045

Home Model Chair Cycle

- Portable, lightweight, compact unit attaches to wheelchairs, straight-leg chairs, or tubular-end bedframe.
- Patients will gladly follow their at-home exercise plans with this basic, easy-to-use model.
- FDA approved.







SH5081

SH5080

Chest Pulley Weights

- One pair of aluminum handles mounts at chest height.
- Adjustable cast iron weights plate five each side totaling 22 lbs (10kg).
- Installation require 6' (1.8m) of floor space.
- FDA approved.

SH5081

Single Column Duplex Pulley Weights

- Provides an economical way to exercise one extremity at a time.
- Includes single handle and a 24" bar with foam grip for two handed exercises.
- Adjustable cast iron weight plate five each totaling 11 lbs (5kg).
- FDA approved.



SH5082



SH5083

SH5082

Duplex Pulley Weights

- Two pairs of aluminum handles-one mount at chest height, the other at floor level.
- Ideal for shoulder, elbow, and chest exercises.
- Handles are detachable so patients can benefit from the optional exercise accessories.
- Comes with 22 lbs (10kg) of weights.
- Extra weights also available to bring unit up to its 44 lbs (24kg) capacity.
- Installation requires 6' (1.8m) of floor space.
- FDA approved.

SH5083

Triplex Pulley Weights

- Three pairs of aluminum handles mount at floor level, chest height, and from the ceiling.
- Installation requires 9-10' (2.7-3m).
- FDA approved.

Calibration Unit



SH7000

Calibration Unit

- Designed to calibrate Hydraulic Hand Dynamometer and Pinch Gauge, and Digital Hand Dynamometer using electronic scale.
- The unit works equally well for the Hydraulic and Digital instrument to be calibrated when the instruments need to be checked the measurement routinely on a year basis to assure that it reads within calibration limits.
- Comes with 2 fixtures designed to securely hold the instruments. One is for Pinch Gauge, and another is for Hand Dynamometer.
- If you find that your instrument is out of calibration it should be retruned to the manufacturer or authorized supplier for repair or replacement.



SH7001 ■ SH7001

Balance Weight for Calibration Unit

- In order to calibrate the electronic scale of the Calibration Unit (SH7000), use the 10kg Balance Weight (option).
- If digital display on the electronic scale is not matched to 20kg(10kg×2EA), the scale should be re-calibrated by the process.
- Refer to the more information on DataRoom in Saehanmedical website.



SH5012 Stand for Dynamometer



- Hold the dynamometer of hydraulic and digital, to keep
- When using, heavily disabled patient can perform grip test holding on the stand.

Terms and Conditions

Pricina

1. Prices are subject to change without notice. A two-month advance notice is normally given.

- 1. "Measurement Instruments" Manufactured by Saehan.
- 2. Some products are outsourced.

Warranty

- 1. Saehan offers a one-year warranty on digital products, and two years for all other products.
- 2. Replacement policy refer to the Saehan website: www.saehanmedical.com.

Select Saehan Service Quick Menu - Replacement Policy.

- 1. Minimum Order Quantity (MOQ) + 20ea Dynamometers.
- 2. Orders can be placed by Email, Phone, or Fax.

Payment

1. Payment must be made by wire transfer prior to shipping.

Shipping and Handling

- 1. Shipping is Ex-Works. Buyer is responsible for all costs and liabilities for the product shipment. All freight charges and special handling will be added to the buyer's invoice.
- 2. Shipping method at buyer request Ocean, Air, or Express Courier.
- 3. All orders are normally shipped within 10 days of receipt of order.

Return Policy

- 1. Report a defective unit to Saehan or your local supplier.
- 2. If the defect is caused by the materials or workmanship, the supplier will replace the defective unit with a new one within the warranty period. Credit will be applied to the owner's open balance or to a future purchase.
- 3. If the defect is caused by the user, or the gauge has been opened, Saehan will not replace it. Saehan or supplier will charge for repairs depending on the condition.
- 4. The owner is responsible for return shipping expenses unless the product was received as a result of Saehan's error.

After Service (A/S) Centers

In USA: B&L Engineering in California

Tel: (714) 505-9492

Add: 1901 Carnegie Ave., Suite Q Santa Ana, CA 92705

Email: sales@bleng.com

In Europe: MVS In Motion in Belgium

Tel: +32-3-866-4076

Add: Westdijk 150 / 2830 Tisselt (Willebroek) Belgium

Email: info@mvs-in-motion.com

Replacement Policy

I) Policy for replacement(after-care) for Digital devices (SH1001, SH1003)

- 1. When you have defects, please send it to SAEHAN with the reasons, S/N, pictures (or video) for reference.
- 2. Warranty period will begin after shipping from Korea.
- 3. Warranty period is for 1 year for the above items.

Warranty policy

In warranty, replace with new unit. If caused by user's fault, charge 90% of the price.

- 1. Over 1 year, SAEHAN charges 30% of your price, and replace with new unit.
- 2. Over 2 years, SAEHAN charges 50% of your price, and replace with new unit.
- 3. Over 3 years, no replacement or reduction of the price.
- 4. You keep the defects (above 1 and 2) for awhile. SAEHAN will ask you to send the defects back to SAEHAN. You don't need to keep the over 3 years defects.

For replacement, you send the defects without case and manual, pack safely the defects. This is for saving the freight cost.

When I send you back the replacement, I will send you device with USB cable (without case, manual) packed safely.

I) Policy for replacement(after-care) for Hydraulic and spring devices (SH5001, SH5005, SH5008, SH5020, etc)

- 1. When you have defects, please send it to SAEHAN with the reasons, S/N, pictures (or video) for reference.
- 2. Warranty period will begin after shipping form Korea.
- 3. Warranty period is for 2 years for the above items.

Warranty policy

In warranty, replace with new unit. If caused by user's fault, charge 90% of the price.

- 1. Over 2 years, SAEHAN charges 30% of your price, and replace with new unit.
- 2. Over 3 years, SAEHAN charges 50% of your price, and replace with new unit.
- 3. Over 4 years, no replacement or reduction of the price.
- 4. You keep the defects (above 1 and 2) for awhile. SAEHAN will ask you to send the defects back to SAEHAN. You don't need to keep the over 4 years defects.

For replacement, you send the defects without case and manual packed safely the defects. This is for saving the freight cost.

When I send you back the replacement, I will send you device (without case, manual) packed safely.



Manufacturer & Exporter

SAEHAN Corporation

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