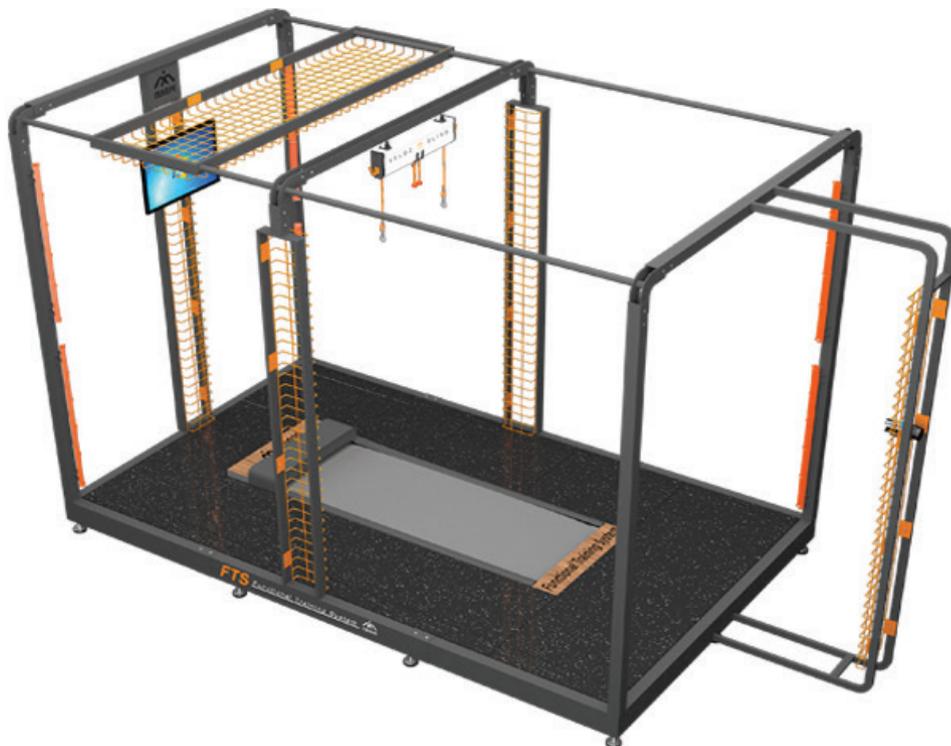


# Physiotherapy & Rehabilitation



Functional Therapy System - FTU

# Functional Training System

1. Overview

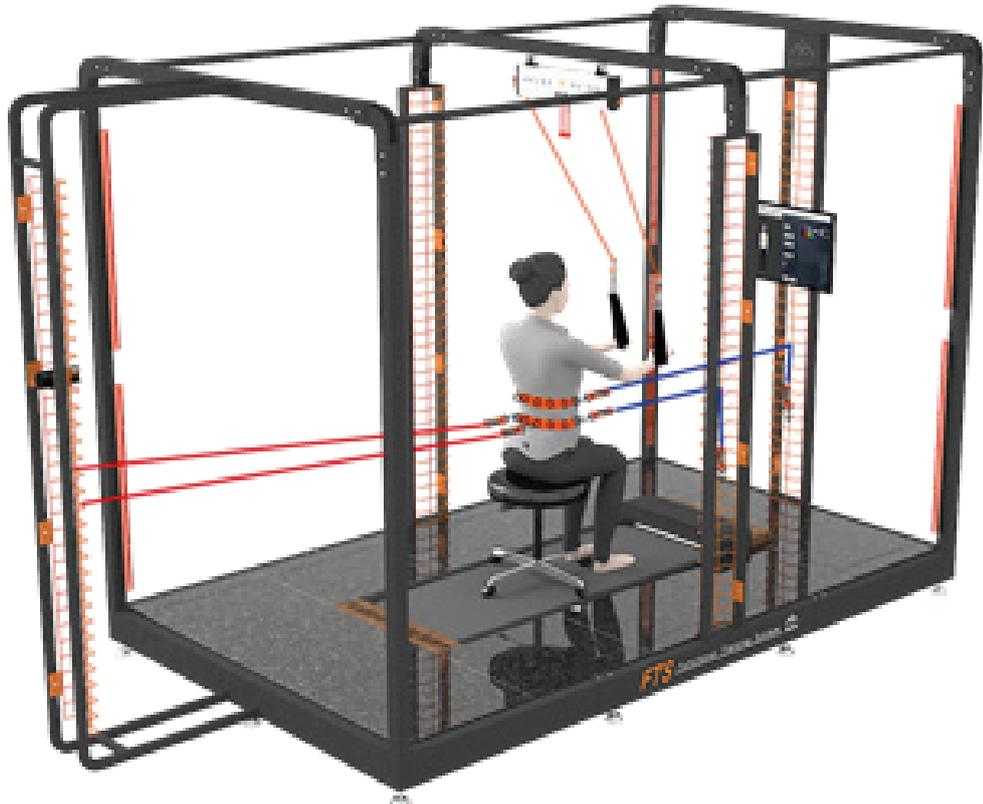
2. Features

3. Details

4. Manual

5. Components

6. Others



## 2. FEATURES

1. It is possible to analyze and record posture, foot pressure, and walking pattern for users.
2. It allows to perform of rehabilitation therapy, posture correction exercises, walking exercises, etc.
3. Users can perform the exercise while checking their posture through the Real -time function.
4. The Sling System and MSK Suit prevent falling and support the weight on the joints.
5. Posture correction and rehabilitation therapy are possible by connecting elastic ropes and tubing bands to the multiple meshes and pillars.
6. You can practice therapeutic exercise and manual therapy by using various accessories.



# 1 OVERVIEW

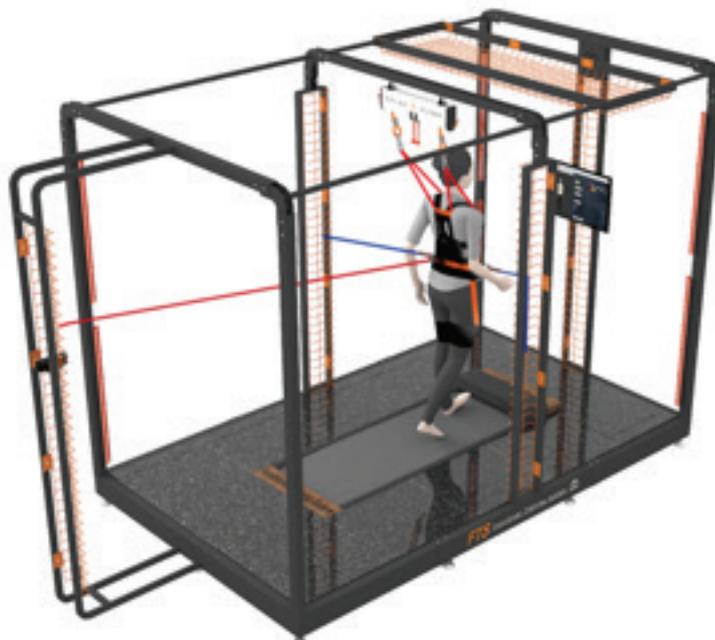
Functional Training System(FTS) was developed for posture correction and therapy of scoliosis patients who need a 3D therapy approach rather than one direction.

FTS is composed of a Sling System, 6 Mesh wall bars and 4 Pillars, Treadmill, Sensor, Camera, and Screen.

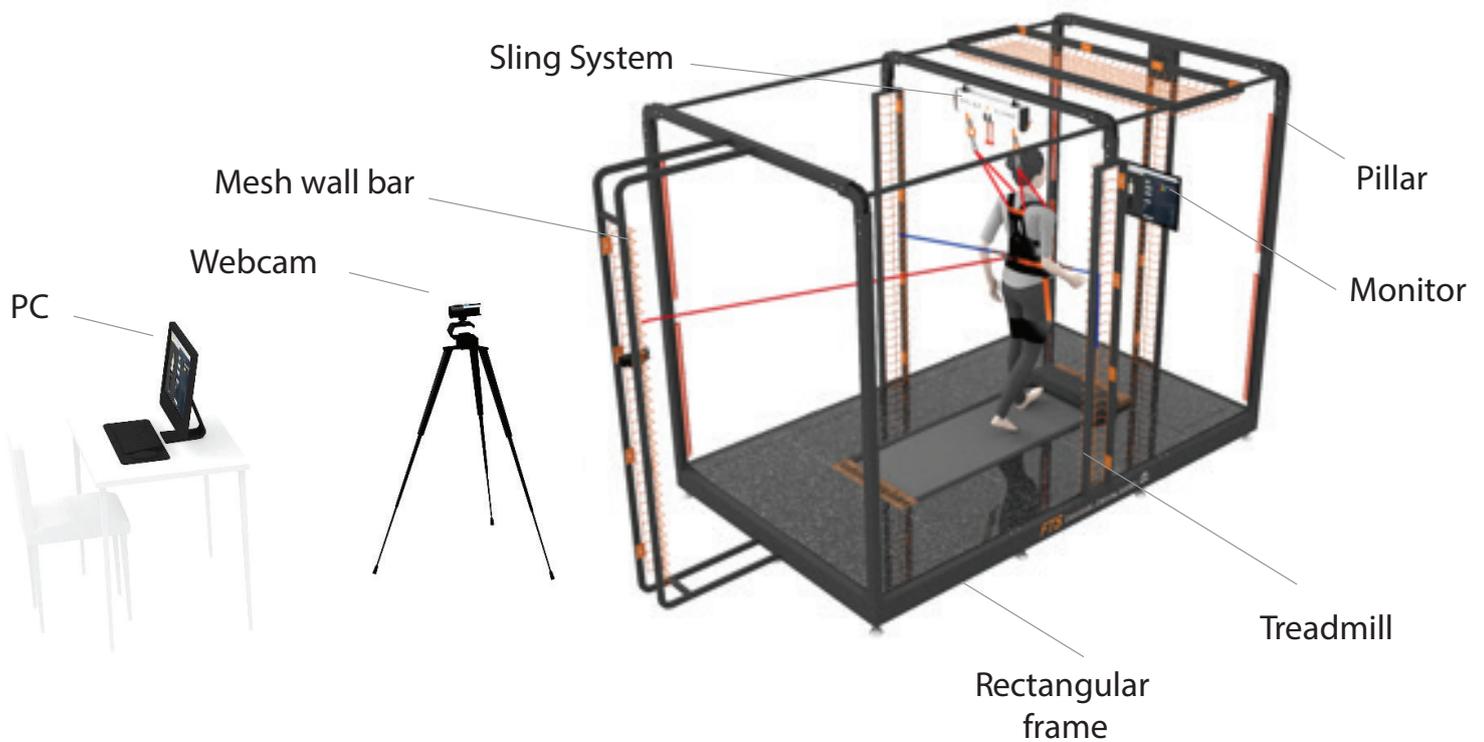
Through continuous improvement, the current FTS provides functional therapy and exercise as well as for scoliosis patients.

You can perform creative therapy and exercise for functional rehabilitation, starting from evaluating the user's posture and gait within a small area.

Allows users to use it for various purposes, from musculoskeletal disorder to neurological disorder patients, sports rehabilitation, and exercise for the elderly.



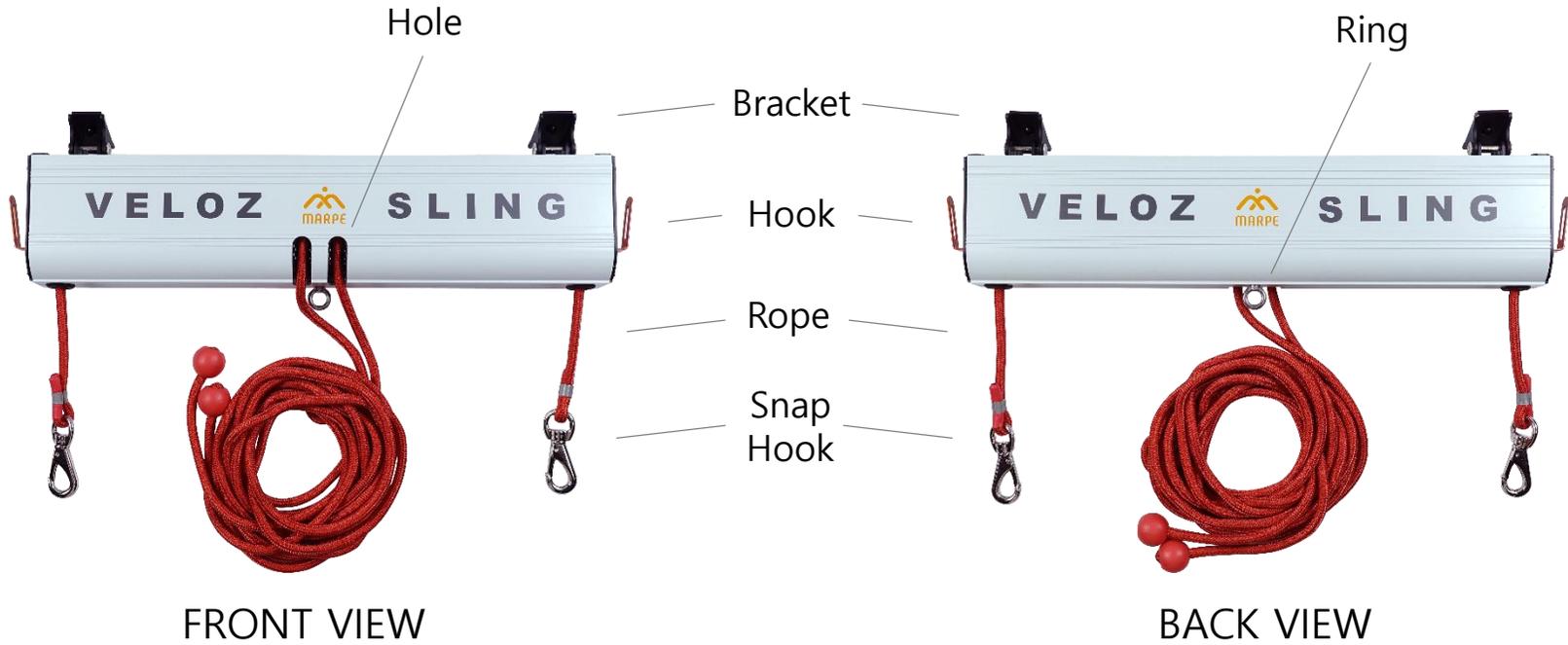
## 3-2 DETAILS of FTS



2400 mm(Width) x 2400 mm(Height) x 1800 mm(Depth) / 220 kg

Main Material : Aluminum, Steel, Polyester, Polyacetal, Urethane, Rubber

### 3-1 DETAILS of Veloz Sling



TOP VIEW



BOTTOM VIEW



SIDE VIEW

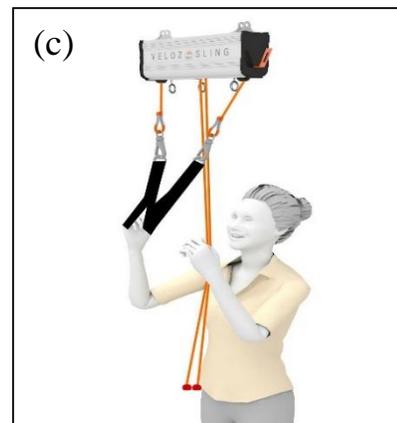
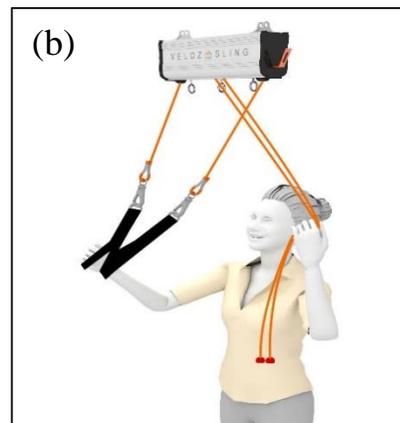
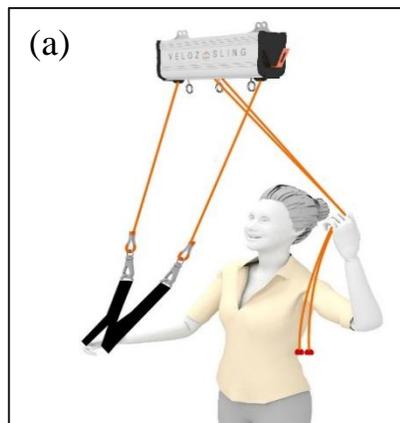
560mm(Width) x 120mm(Height) x 65mm(Depth) / 5kg  
Maximum load of Veloz Sling System : 200kg

## 4. MANUAL of Sling

### How to use Sling System

#### 1. Releasing and Lowering Ropes

- (a) Stand in front of the device, hold the **Adjusting Ropes** (middle) in one hand and **Main Ropes** (connected straps with hook) in other hand
- (b) Gently pull forward the **Adjusting Ropes** from Cleat to move the rope freely and pull the **Main Ropes** straight down to the desired height



#### 2. Locking Ropes

- (c) Fix the **Adjusting Ropes** to the Cleat, so they hang straight down; the ropes will lock when a load is placed on them

#### 3. Raising Straps

- (d-e) Pull the **Adjusting Ropes** straight down until the straps are at the desired height
- (f) The straps will lock when a load is placed on them

## 5. COMPONENTS



### Basic

- ① MSK Suit, D-Ring belt set
- ② Tubing band set: Yellow 30cm(4ea), Yellow 45cm(4ea), Red 30cm(4ea), Red 45cm(4ea), Green 30cm(4ea), Green 45cm(4ea), Blue 30cm(4ea), Blue 45cm(4ea)
- ③ Elastic Rope 30kg(4ea) :  $\varnothing 6 \times 700\text{mm}$
- ④ Multi Strap(2ea) : 340mm x 90mm
- ⑤ Traction Holder(1ea) : 800mm x 200mm



**Musculoskeletal Suit**



**Nervous System Suit**

### Choice

Postural Analysis

Postural Analysis S/W, Webcam(1ea), Tripod(1ea), PC(1ea), Monitor(1ea)

Foot Pressure Analysis

Gait Treadmill Analysis S/W, PC(1ea), Monitor(1ea)

Postural Tensile Force System

Posture Tensile Force App, Tensile Force Sensor(6ea), PC(1ea), Monitor(1ea)

\* Choice between Musculoskeletal Suit & Nervous System Suit

\* All three analysis system can be installed depending to the user demand.

## 6. Others

### **PRECAUTIONS FOR USE**

Periodically check that the FTS is secured without tilting to the floor.

Periodically check that the ropes in the Sling System are in good condition.

Do not hang or place weight on only one rope of the Sling System.

If you face problems or errors while using the Postural Analysis System, the Foot Pressure Analysis, and the Postural Tensile Force System, use the solution method that we provided. If the problem continues, then please contact us.

If the rope doesn't fix in the cleat of the Sling system, stop using the Sling system, and please contact us.

### **STORAGE AND MAINTENANCE**

Store the Sling System in a cool and dry place and clean them with a soft dry cloth. The working temperature should be 0 ~ 45°C(32 ~ 113°F). Working in cold/hot environments or highly humid areas will reduce the durability.

### **CONTACT US**

If you need to repair a product under warranty, please send a detailed explanation describing the problem to [harold.marpe@gmail.com](mailto:harold.marpe@gmail.com) and simply wait for the instructions.

Find more information on the dedicated website [www.marpe2000.co.kr](http://www.marpe2000.co.kr)

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