Minato Medical Science is a leading manufacturer with the largest share in various areas of the physiotherapy device market in Japan. The Aquatizer QZ-240, the crowning achievement of all of our technologies, is a state-of-the-art massage bed that provides unprecedented comfort. A hands-on exhibition of the Aquatizer QZ-240 and Weltonic WTS-i series will be held at the Minato Medical Science booth in the MEDICA 5th hall (No. S1330). Please come to the Minato Medical Science booth and experience the performance.

Minato Medical Science also has the largest share in the Japanese massage bed market. The most advanced product, the Aquatizer QZ-240, generates unprecedented stimulations and a wide variety of massage modes using 4 motors. Minato Medical Science will set up a booth to hold a hands-on exhibition at MEDICA so people from all over the world can experience the comfort provided by visitors who have tried it at exhibitions in Japan. The 180 m² area will be equipped with 9 Aquatizer QZ-240 units. At the healing booth with comfort space, our experienced staff will offer hospitality and care to visitors wanting to try our products. We welcome visitors tired of walking around the site, as well as those interested in the product’s performance, to the Minato Medical Science booth in the 5th hall. We will also display the Weltonic WTS-i, a series of fitness machines that support elderly people’s exercise and training. The machine uses an electronic load system and comes with a built-in muscle strength measurement function. Safe and efficient training improves old people’s physical functions and prevents them from requiring long-term care.

The Weltonic WTS-i series and Aquatizer QZ-240 comprise a lineup of products that embody “Training & Relaxation,” which is Minato Medical Science’s theme for MEDICA 2018. As Minato Medical Science’s service structure is further enhanced, Minato Medical Science will provide bases for business in overseas markets. As part of that effort, in July 2018 we established a local subsidiary in the German city of Düsseldorf, the home of the world’s largest exhibition in the medical field, MEDICA. We are continuing to actively pursue the expansion of our sales area along with our company’s rapidly growing business overseas. Customers can look forward to the further expansion of Minato Medical Science’s service structure in the future.

New Subsidiary Established in Europe

At MEDICA 2017, many of the medical professionals who tried out Minato Medical Science’s products expressed a desire to introduce them into their own practices. To respond to these expectations, in July 2018 Minato Medical Science established a local subsidiary in the German city of Düsseldorf, the home of the MEDICA exhibition. This company will provide bases for the expansion of our sales area, along with timely customer support. Customers can look forward to the further expansion of Minato Medical Science’s service structure in the future.

World’s Largest Scale Exhibition in Medical Field
MEdICA 2017 REPORT

Minato Medical Science participated in the MEDICA 2017 exhibition last year, aiming to spread the ideal of “friendly healthcare,” as well as products that have come about from its commitment. Visitors had the chance to try out our demonstration models of the dry hydro jet massage bed Aquatizer QZ-240 and experience their sheer comfort. Demonstration models consistently operating at full capacity MEDICA 2017 was held on a scale worthy of its title, the world’s largest. A total of 5,100 companies from 60 countries and regions showcased their products. Around 29,000 people tested out the Weltonic WTS-i series and welcomed the visitors wishing to try them out. The eight demonstration models of the Aquatizer were in full operation from the time the exhibition opened at 10:00 a.m. until it closed at 6:00 p.m. Although we sometimes had 20 or more people waiting to have a turn on the machine, there was no major confusion and almost everyone left happy.

Over the four days of the exhibition, around 2,800 people tested out the Aquatizer QZ-240, enjoying the comfort of the experience. This was 50% more than last year. Many of those people were apparently repeat visitors from MEDICA 2016. The Weltonic WTS-i series is a training machine designed for elderly people. It comprehensively improves the muscle power necessary in their daily lives. Featuring a low-impact and safe design, the machine aims to make training that can be continued. The Aquatizer QZ-240SG quickly cools down the body and the mind, motivating the user to continue training.

The purpose of “Training & Relaxation,” a theme that Minato Medical Science proposes at MEDICA 2018, is to extend healthy life years with the effective cycle of training and relaxation that the elderly carry out to maintain their physical functions. To prevent elderly people from falling and suffering other accidents and to ensure that they lead independent lives requiring no long-term care, it is important that they maintain their physical functions such as muscle strength, flexibility, and balance.

Helping to extend healthy life years with a cycle of training and relaxation

During the 4-day period from Monday, November 13, 2017 to Thursday, November 16, 2017, the event drew a total of 123,000 visitors, whose nationalities covered 180 countries. Minato Medical Science’s theme of MEDICA 2017 was “Training & Relaxation.” In the approximately 190 sq. m. area inside Hall No. 5, we set up nine Aquatizer QZ-240 units and four fitness machine models of the Weltonic WTS-i series and welcomed the visitors wishing to try them out. The eight demonstration models of the Aquatizer were in full operation from the time the exhibition opened at 10:00 a.m. until it closed at 6:00 p.m. Although we sometimes had 20 or more people waiting to have a turn on the machine, there was no major confusion and almost everyone left happy.

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The Weltonic WTS-i series is a training machine designed for elderly people. It comprehensively improves the muscle power necessary in their daily lives. Featuring a low-impact and safe design, the machine aims to make training that can be continued. The Aquatizer QZ-240SG, on the other hand, meticulously massages the entire body to ease fatigue and, at the same time, makes the body more flexible. If flexibility can be boosted before starting muscle training, users can carry out movements safely, and training effects can also be increased. After training, massage using the QZ-240SG quickly cools down the body to ease muscular fatigue. This pleasant massage refreshes both the body and the mind, motivating the user to continue training.

“Training & Relaxation” is the answer proposed by Minato Medical Science for solving the problem of aging faced by Japan. We are confident that our concept and the products that support them will be rated highly in Europe as well.
Improved Feel of Stimulation

The range of motion of the knee joints is often limited by age-related chronic conditions such as standing up, sitting down, squatting, and prevent falling. Minato Medical Science’s “Aquatizer QZ” series has constantly provided state-of-the-art instruments through unique design concepts in the area of dry hydro jet massage beds. These achievements and technologies have now been leveraged to generate a brand new dry hydro jet massage bed. The “QZ-240” is designed with futuristic style and equipped with cutting-edge features such as 4 nozzles, foot airbags, and an automatic height setting function. The new model offers the most advanced treatment, comfort, and operability of the dry hydro jet massage bed.

Futuristic Comfort

Dry Hydro Jet Massage Bed

AQUATIZER QZ-240SG

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A training machine exclusively for elderly users

Weltonic WTS-i series

The Weltonic WTS-i series from Minato Medical Science uses an electric load system. It has excellent operability, is light-weight, and supports training with various functions enabled by the electric load system.

4 Nozzles with Switching Function (Wide Jets), Expanding the Variety of Treatment Options

Switching between the 4 nozzles (wide jet) and the 2 nozzles (narrow jet) and the 2 nozzles exponentially increases the variety of treatment options, including “wide-area treatment” and “improved treatment for the target area.” Combinations of different-speed movement speeds and jet intensities can provide a wide variety of effective massages. These features help provide custom-made treatments for patients with different conditions.

Newly Mounted Sensor for Automatic Head Position Detection

When a patient lies on the bed, the sensor detects the head position, automatically measures the patient’s height, and sets the area to be massaged according to the specified treatment area. Unlike previous models, the Aquatizer QZ-240 does not require individual height measurement, thus reducing burden on the staff.

Foot Airbags, gently holding the legs

Improved Feel of Stimulation

With the legs held steady, the water jets can precisely target the calves and thighs, resulting in a greatly improved feel of stimulation.

Leg press

The machine trains and strengthens the leg muscles necessary for movement in our daily lives such as standing up, sitting down, squatting, and walking. The foot harness and motion of the seat enable the user to exercise the muscles of the lower body.

Leading Manufacturer of Physiotherapy Devices

Minato Medical Science is a leading manufacturer with dominant shares in various physiotherapy device markets in Japan, where the needs for physiotherapy are rapidly increasing with the aging society.

According to the abridged life table for 2013, published by the Ministry of Health, Labour and Welfare, which oversees medicine, health, and welfare in Japan, average life expectancy is 80.21 years for men and 86.61 years for women. The mean value between men and women is the highest in the world, and life expectancy for women holds the world’s top place for 29 consecutive years. As society ages, more people develop age-related chronic conditions that require less stressful treatment.

Minato Medical Science provides excellent physiotherapy devices, focusing on the goal “Innovative efforts to develop the most patient-friendly medical devices.” Among these devices, the Japanese market share is 77.4% for traction devices, including the world’s first commercialized traction chair “Super-Tone,” and 62.2% for “Aquatizer” massage beds. Low-frequency therapy devices also claim one of the largest market shares in the industry.

Foot Airbags, gently holding the legs

The range of motion of the knee joint is often small in elderly people. These exercises strengthen the quadriceps femoris, especially the vastus medialis, thereby increasing the range of motion and length of stride, stabilizing the knees, and enabling individuals to walk more easily.

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