

Muscle Suit Every from Innophys certified under ISO 13482 as the world's first exoskeleton assist suit using artificial muscles

Innophys Co., Ltd. (Office: Shinjuku, Tokyo; Representative Director, President, and CEO: Takashi Furukawa; “Innophys”) has announced on Thursday, February 20, 2020 that the company’s Muscle Suit Every, which was released on Friday, November 1, 2019, has been certified under the international standard ISO 13482. This certification is a result of the verification of the safety of Muscle Suit Every by the Japan Quality Assurance Organization (JQA) based on ISO 13482, an international standard on the safety of personal care robots.

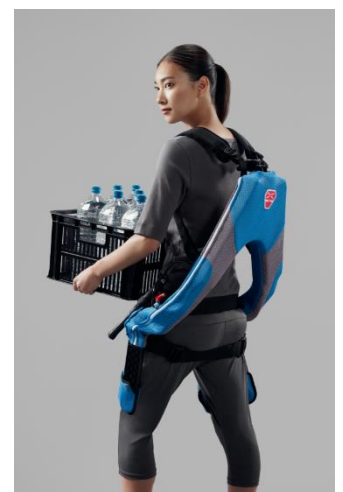


■World's first ISO 13482 certified exoskeleton assist suit using artificial muscles

ISO 13482 (Robots and robotics device - Safety requirements for personal care robots) certification that Muscle Suit Every has acquired is the only international standard on the safety of personal care robots and was issued by the International Organization for Standardization (ISO) in 2014. The certification by JQA, a third-party certification body, objectively certifies that Muscle Suit Every meets the safety requirements of the international standard, enabling us to provide an even higher sense of security and reliability to customers using Muscle Suit Every.

■A muscle suit in every home. The latest in the Muscle Suit® series*1 achieves lighter weight and lower cost

Muscle Suit Every is a wearable work assistance robot (assist suit) that assists its user in making a move with the function of artificial muscles that is operated by pneumatic pressure. Demonstrating its effect of reducing the burden on the lower back during work such as holding someone, lifting a heavy item, and maintaining a squatting position, Muscle Suit Every contributes to improving working environments and dealing with the labor shortage. There are no restrictions on operating hours as it does not use electricity and also it can be used anywhere, including places where water might come in contact with the



< Muscle Suit Every >

device.

Muscle Suit Every weighs 3.8 kg, the most lightweight model in the Muscle Suit® series developed by Innophys, and is priced at 136,000 yen (not including tax)*2, low price in the assist suit market that is affordable even for individual customers. In addition to workplaces for nursing care, manufacturing, logistics, construction, agriculture, and more, Muscle Suit Every can also be used for various other scenarios, including nursing care and domestic chores (or housework?) at home, kitchen gardening, and snow shoveling in winter.

Under the idea of achieving independent lifestyles for everyone as long as they live, Innophys has been working to develop and distribute devices that assist human movement. With the launch of Muscle Suit Every, we have been developing our business by widening our customer base to include individuals while meeting the demand of corporate customers and with the objective of achieving “a muscle suit in every home.” Innophys started in Japan, a pioneer in tackling the new challenges faced by countries who have declining populations, falling birthrates and population aging. Innophys is now shifting its objective to enter/go global market and will strive to develop and provide products that become a familiar sight so that even many more people will be able to continue to be active throughout their lives.

*1: In addition to Muscle Suit Every, the series includes Muscle Suit Power, Muscle Suit, and Muscle Suit Edge

*2: Suggested retail price



Certificate No.: JQA-KC19046

Company profile: Innophys

name “Innophys” comes from our aim to achieve Innovation for Physical Support. With its origins in the Tokyo University of Science, this venture company began with one desire: achieving independent lifestyles for everyone as long as they live. Total sales 7,000 units from the first model launch in 2014), Muscle Suit® is now a big hit in the assist suit market, which has become active in recent years. For more information on Innophys, please visit <https://innophys.jp/en/>, or for information on Muscle Suit Every, please see <https://musclesuit.co.jp/>.

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