

SYL

Sharing Your Life

Muratec Customer Magazine 1 | 2026 | EN



Thank you so much for the cooperation and support you have provided to Muratec. The opinions and feedback that we receive from you are the driving force behind our ability to meet your expectations as we strive to develop and offer products and service that ensure the highest degree of customer satisfaction.

Uncertainty in the global economy remains high, with the IMF World Economic Outlook projecting that growth will be lower in 2026 compared to stronger periods. The many risks we face include inflation, financial policies, and changes in crude oil prices.

Against this background, Muratec's mission is to work closely with our customers to maximize machine performance. We strive to realize flexibility corresponding to diverse thread types to ensure stable operations as we continue to reinforce initiatives aimed at reducing environmental load, including CO2 reduction and reduction of energy loss through energy-saving designs and motion development focused on ever higher efficiency. Muratec has five business segments, and each segment has its unique technology. We believe that Muratec's greatest strength is the ability to apply such technological synergy to automatic winders and VORTEX spinning machines.

Our development is not limited to innovation in machine performance. We are

also focused on the development of solutions that utilize the vast amount of data we have accumulated in control systems to maintain efficiency over time during installation. Data analysis is always a challenge, but Muratec Smart Support (MSS) enables real-time data visualization and analysis from the customer's perspective. In addition, we recognize that anticipating fluctuations in processes, ensuring the early detection of potential causes of downtime, and initiating automatic correction are also important issues as we advance development.

In an era that sees markets, materials, and workstyles continuously changing, Muratec maintains its close relationship with customers through its onsite presence. Muratec's commitment to customer support continues with the provision of technology, data, and the strength of outstanding human resources under the name of "Muratec Lifecycle Support" that follows delivery through stabilization, functional expansion and updating.

Lastly, Muratec will continue striving to provide products and services that uphold its position as No.1 in the industry, guided by our commitment to "high productivity, high quality, and flexibility." We look forward to new opportunities to connect and engage in on-site dialogue as we work together to create even greater value.

Tetsuji Masai
Director, General Manager of
Textile Machinery Division



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Muratec Customer Magazine April 2026

Published by Murata Machinery, Ltd.
Textile Machinery Division
Green-Bldg., 2-6-26, Kitahama,
Chuo-ku, Osaka, 541-0041, JAPAN
Website : www.muratec.net
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[Cover Photo] Special thanks to Japan Blue Co., Ltd.

As Your Growth Partner Muratec Lifecycle Support

The delivery of textile machinery marks the start of a new chapter in our relationship with our customers. We recognize that our role goes beyond selling products—we are part of an industry that supports society by providing essential capital equipments. Our customers build and sustain their businesses around these machines, investing not only financially but also through the efforts of dedicated employees who operate them. Behind every one of these individuals are families, colleagues, and communities whose lives are closely tied to this shared endeavor.

By embracing the heavy responsibility of ensuring the high expectations of stable performance of each machine and recognizing this responsibility with humility and commitment, our predecessors built and strengthened long-term relationships with each of our customers.

While problem-solving methods and tools have evolved over time, we continue to pursue “do-how” rather than just “know-how.”

Murata Machinery is committed to standing alongside its

customers and continue to support them. This principle forms the very foundation of our company and represents a promise we deeply value and uphold for those we serve.

It brings us great satisfaction to envision the machines shipped from our Kaga Factory today continuing to operate reliably and powerfully 20 or 30 years from now—or even for generations to come—while our customers, somewhere in the world, look on with pride and smiles.

Toshihiro Yamaguchi

Muratec Parts Sales Ltd.
COO & Managing Director



Core Elements

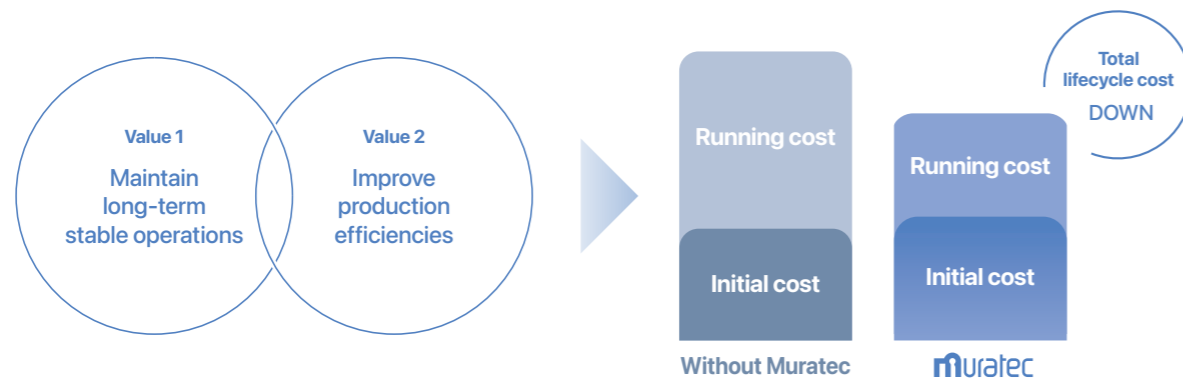
Muratec have around 200 service professionals stationed at 23 locations in 16 countries. These professionals provide the same level of high-quality service at all locations, delivering peace of mind to all our customers around the world.

We also maintain high-quality service by sharing customer feedback and accumulated expertise throughout our organization.

Furthermore, Muratec’s sales, design, service, parts, and manufacturing departments work together seamlessly to provide fast, one-stop responses to customers’ demands.

Benefit

Our aim is to stand with our customers and provide support at all times. Since our founding in 1935, Muratec has placed the utmost importance on this approach, as we improved our products and the quality of our after-sales service. Muratec Lifecycle Support leverages our strengths to reduce operating costs by ensuring longer, stable on-site performance and improving production efficiency.



Result >

Achieves a lowering of total lifecycle cost. Which, in turn, boosts long-term competitiveness.

What can further enhance our service?



MSS : An IT solution that feels like our staff is right beside you.

Muratec Smart Support (MSS) is Muratec's original IT solution developed specifically for production management of our winders and VORTEX spinning machines. It serves as a Digital-Powered Operations System that allows users to monitor machine operation status anytime and anywhere, providing comprehensive visibility and supporting efficient, stable production.

MSS's Features

- Automatically converts machine-operation data into graphs and KPIs
▶ **eliminates the need for manual analysis**
- Visualizes performance trends
▶ **helps detect early signs of hidden issues and identify waste**
- Enables remote support and delivers expert know-how from the support center
▶ **keeps machines in optimal condition and enhances staff skills**



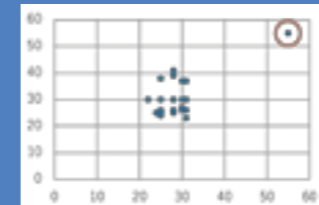
Consistency

MSS brings CONSISTENCY to a winder or VORTEX department by ensuring Stable Productivity and Yarn Quality throughout the age of the machinery. Our Proactive Maintenance and Smart Process Control approaches bring active management to each and every device of the winding and VORTEX spinning machines. Our Downtime Analysis, Quality Analysis, Alarm detection & other Operational KPIs help diagnose and prioritize the day-to-day work of the various factory departments/teams. The readily

available daily Job List is the best way to start work on any given day.

Our latest MSS Prediction has taken the work routine to a different level as it monitors the critical devices of the machine continuously and is able to predict future trouble and thereby prevent loss of Efficiency, defective products, breakdowns & component failures.

The Lot Management function ensures that the production team does not make any mistakes in the machinery and lot settings. The Dashboard alerts for the Job List and Setting deviations make the life easier for the factory staff.



MSS Prediction

Job List

“ The all-in-one MSS makes the best LIFECYCLE SUPPORT. ”

As a machinery manufacturer, we, Muratec, understand our larger responsibility of assisting our Customers (business partners) to become stronger in their business. We incorporate LIFECYCLE SUPPORT once a Factory decides to invest in Muratec machines.

There is no better way than helping them create a STRONG SHOP FLOOR. As a leader in both winding and VORTEX spinning, our rich experience has enabled us to advocate and prescribe a work philosophy which can ensure the best work experience and results for each Spinning factory.

MSS has been designed with the goal of making our customers COMPETITIVE by helping them achieve high levels of Productivity and Quality, ensuring profits all along.

We have identified and believe that CONSISTENCY, RESILIENCE and PROFITABILITY are important values which make a business COMPETITIVE.



Mohanraj Nandhi

MSS Global Leader
MURATA MACHINERY INDIA PRIVATE LTD.

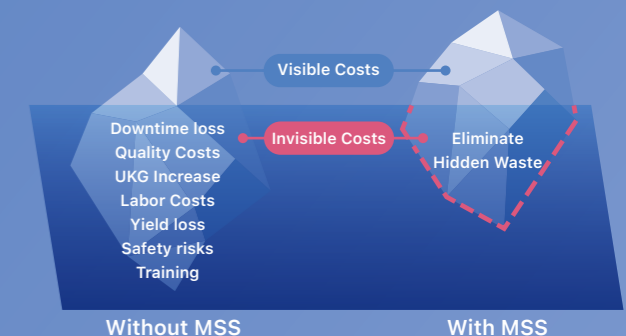
Resilience

The Market is always evolving, which makes it inherently demanding. To meet changing market requirements, MSS includes various features like VORTEX Navigator and Splicer Navigator with which a factory can start a new yarn, new lot or new material with incredible ease in the shortest possible time. This ensures that sufficient quality levels are achieved as quickly as possible.

The Trouble-shooting guide, Alarm-code information, the new Academy and Parts Information help users to be aware of the latest techniques and contributes to the skill development of the staff involved in the machinery process and management. Factory staff become more resilient towards rapid changes in processes and market demands and can sustain their results for longer periods of time.

Profitability

MSS with the help of Advance Analysis brings a sharper and quicker understanding of the machinery KPIs and as a result the cost of production is kept at the lowest possible level. The various hidden costs due to various aspects such as downtime, maintenance, energy, labor, risk & training are all controlled at the minimal level. This solid foundation paves the way for continuous improvement as it becomes effortlessly easy to implement any modern business improvement management techniques, thanks to MSS.



For more details about MSS (MSS Support Center)



MVP #02

Muratec value partners

Muratec has achieved notable success in the Textile Machinery Industry.

This success has been made possible, thanks to many companies that support our activities.

We are pleased to recognize such companies as Muratec Value Partners.

Core Yarn Device for VORTEX

Suzhou Pure-fiber Textile Technology Co., Ltd.

Suzhou Pure-fiber Textile Technology Co., Ltd., is a spinning mill located in Suzhou, Jiangsu Province, China. Since its establishment in 2015, the company has focused on research, development, and production of VORTEX yarn. In 2024, a new factory began operations, and approximately 300 VORTEX spinning machines have been installed. Ultimately, the company plans to install more than 1,100 VORTEX spinning machines.

Using the Core Yarn Device, the company mainly produces core spun yarns by covering PBT filaments with viscose or nylon. These yarns are used in a wide range of applications including innerwear, outerwear, bedding, and textiles for interior decoration.

As consumer needs diversify, the use of the company's VORTEX core spun yarn will further expand.



The Core Yarn Device for VORTEX has not only replaced a portion of the core yarn market in ring spinning, but has also expanded the possibilities of VORTEX yarn, bringing innovation and vitality to the traditional spinning industry.

Stable production of core yarn requires maintaining consistent filament tension. We look forward to further enhancements in filament tension stability and continued improvements in the performance of the Core Yarn Device.

Suzhou Pure-fiber Textile Technology Co., Ltd.
Executive GM

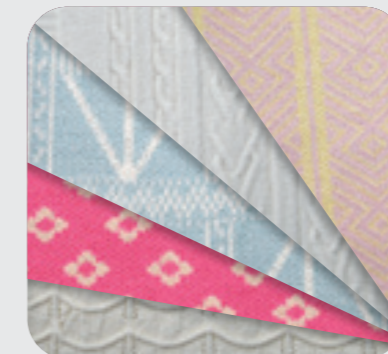
Wu Junnian

About Core Yarn Device



Core yarn production by VORTEX has the following three major advantages: (1) Enables the supply of larger filament packages than ring spinning. (2) Less yarn splicing. (3) High-speed production.

As an application of the Core Yarn Device, we also recommend Core Color, which uses colored filament yarn as the core to produce melange-like yarn. Compared with melange yarn production by ring spinning, Core Color can be flexibly applied to high-mix low-volume production, and reduce cleaning work in addition to the above advantages.



New Possibilities Brought about by Core Yarn Device

The total number of Core Yarn Devices shipped reached 10,000 units over approximately 20 years, from 2005 to 2023. Since 2023, Core Color, which utilizes the Core Yarn Device, has been highly evaluated at exhibitions, and we have received inquiries from many more customers. We feel that its various advantages including the ability to add functionality and colors in the final process of spinning have been recognized. We will continue to support the challenges of creating new yarns using the Core Yarn Device.

Sales (China)
SHOGO TATARA



MURATA MACHINERY EUROPE GMBH Cairo Branch

Cairo branch office is located in the Zamalek district of Gezira Island, a sandbank of the Nile River (the longest in the world - 6695km), in Cairo, Egypt. The area is very safe, with foreign residential areas, embassies from various countries, and luxury hotels nearby.



PYRAMID

The pyramids show the civilization and the progress that the ancient Egyptians reached. Pyramids were built as tombs for the kings. The Great Pyramid of Khufu is the highest ancient man-made structure and is known as one of the Seven Wonders of the World. The date of its construction is 2551 BC, meaning that the age of this pyramid is now 4517 years.



KOSHARI

Koshari is Egypt's national dish and a widely loved street food. This traditional Egyptian staple combines pasta, Egyptian-style fried rice, vermicelli, and brown lentils, topped with chickpeas, a garlicky tomato sauce, garlic vinegar, and crispy fried onions. Garlic vinegar and hot sauce may be added according to taste. As it is traditionally prepared without any animal products, koshari can be considered vegan, provided that vegetable oil is used for frying.

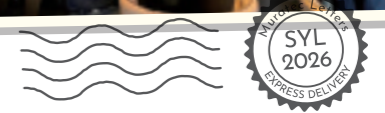


MURATA MACHINERY MEXICO S.DE R.L.DE C.V.

Murata Machinery Mexico was established on July 17th, 2013, and the textile division oversees Mexico, Guatemala, EL Salvador, Nicaragua, Honduras, Costa Rica, Colombia, Peru, Bolivia, Venezuela, and Ecuador.

Mexico City is the capital and largest city of Mexico, located in the Valley of Mexico at an altitude of 2,240 meters (7,350 ft).

Roma Norte, where Murata Machinery Mexico is located, is about eight miles from Mexico City International Airport.



MUST-SEE TOURIST SPOTS

In El Centro(downtown), you'll find El Zócalo and the Palacio de Bellas Artes(Palace of Fine Arts).



The Centro Histórico is home to numerous museums, street vendors, high-end restaurants, and famous hotels like the Gran Hotel Ciudad de México.



MUST-TRY FOOD

Tacos al pastor are true icons of Mexico City street food. Al pastor meat is seasoned with achiote, cumin, herbs, and peppers and cooked on a trompo(vertical rotisserie).

The taco is served on a corn tortilla with the toppings of your choice: chopped parsley, onions, and pineapple.

Of course, no taco al pastor is complete without a squeeze of lime and a dollop of salsa.



日本の **布** Vol. 10
めぐりシリーズ
A series centering around "cloth" in Japan



児島デニム

Kojima Denim

The Kojima area of Kurashiki City in Okayama Prefecture is known as the birthplace of Japanese jeans. Kojima was created by reclamation of coastal land, and the soil contained salt, making it unsuitable for rice cultivation. For this reason, in the 1700s, cotton cultivation, indigo dyeing, and cotton weaving flourished in this area, and the area became well-known for producing canvas, work clothes, and tabi (traditional socks).

Utilizing this foundation, Kojima grew rapidly into a major production area of cotton school uniforms after 1920. However, in the late 1950s, demand for cotton school uniforms plummeted due to the spread of synthetic fiber uniforms. Many garment manufacturers sought a new direction and started producing jeans, which were still rare in Japan at that time.

Kojima made a smooth transition from school uniforms to jeans because it had all the textile processes in place, including spinning, dyeing, weaving, and sewing, as well as the technology and equipment to handle thick fabrics used for the production of school uniforms. In particular, the strength of the area, with its ability to consistently carry out all processes locally from dyeing and weaving to sewing, washing, and color-fading finishing, gave it leverage to form a unique jeans culture.

Japan Blue Co., Ltd., a representative company in Kojima, has been manufacturing jeans and denim products since its establishment in 1992, proactively incorporating new materials and technologies while continuing to carry on traditional techniques based on the corporate philosophy, "Delivering genuine denim to the world and the future." Its high quality is highly regarded overseas as well.

Japan Blue has developed several brands, each with its own brand concept and unique perspective. Among them, "MOMOTARO JEANS" is positioned as its "premium line" produced by fully leveraging technical expertise and uncompromising dedication, featuring a blend of carefully selected cotton and



cashmere, unique techniques including deep indigo dyeing and traditional weaving made by handlooms or shuttle looms.

On the other hand, "JAPAN BLUE JEANS" brand products have been developed as jeans more suited to everyday wear. In order to break the conventional image that jeans are "stiff and hard to wear," Japan Blue continues to challenge themselves by adopting new materials and manufacturing methods that defy conventional wisdom. Some of its models use VORTEX yarn as the weft to make the jeans softer, lighter and more breathable, resulting in an unprecedented level of comfort. These models have been particularly well-received by women.

Japan Blue Jeans.

Japan Blue has also been heavily involved in the development and improvement of "Kojima Jeans Street" in the shopping district of Kojima, which brings together directly managed stores of local jeans manufacturers. Japan Blue continues to actively promote the appeal of Kojima jeans both in Japan and overseas in cooperation with the local community.

Pour-Over Udon

Pour-over udon is a Japanese noodle dish made by a small amount of concentrated sauce—made from dashi, soy sauce, and mirin—is poured directly over the noodles. This simple preparation highlights the fresh texture of the udon and the aroma of the broth.

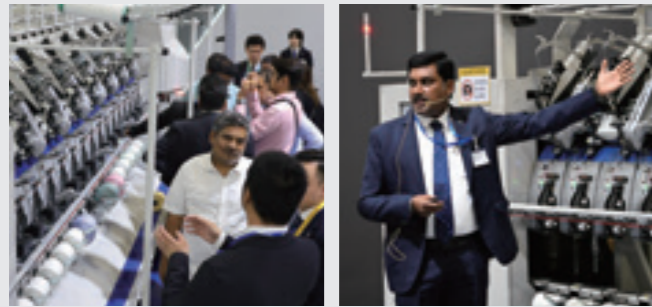
The dish is believed to have originated in Kojima region. According to local accounts, an udon shop owner found it troublesome to dip noodles into a separate sauce. Instead, he poured the sauce directly over the udon and added this new style to the menu.

Because it was quick to prepare, filling, and affordable, the dish quickly became popular in Kurashiki. Today, pour-over udon is enjoyed throughout Japan as a simple, refreshing, and satisfying udon style.



Special thanks to Japan Blue Co., Ltd.,

We look forward to seeing you at the exhibition!



Exhibition Schedule for 2026

Jun. 9-13	ITM Istanbul, TURKEY
Aug. 25-27	Intertextile Shanghai Shanghai, CHINA
Sep. 1-3	Premier Visions Paris Paris, FRANCE
Sep. 8-10	CAITME Tashkent, UZBEKISTAN
Oct. 15-18	IGATEX Lahore, PAKISTAN
Nov. 20-24	ITMA ASIA + CITME Shanghai, CHINA
Dec. 4-9	India ITME Noida, INDIA

Seminar held in Egypt and the 40th anniversary of the Egypt Branch

Muratec hold seminars around the world.

We also held a seminar in Cairo, Egypt, in December 2025. In recent years, an increasing number of manufacturers have relocated their sewing operations to Egypt, leading to growing demand for spinning and textile production. As a result, the seminar attracted more than 100 participants.

Since the establishment of the Cairo Branch (see page 9) in 1986, we have delivered many automatic winders to the country, from the "No.7-II" to the "No. 21C PROCESS CONER," and the "PROCESS CONER II QPRO/FPRO" series, and the current "Alcone." Muratec has long supported the spinning industry in Egypt, a country renowned for producing high-quality, premium cotton.



"Quality Circle Activities" have taken root across Muratec's manufacturing facilities.

In order to provide our customers with the highest quality products, we at Muratec continue to carry out "Quality Circle Activities," which are autonomous improvement activities carried out by employees working at all of our manufacturing facilities. Quality Circle Activities are carried out by a team consisting of a small number of people organized at each workplace using data-based QC methods to improve quality and address issues at each manufacturing site. Each team continues to work on these activities for one year. The composition of each team changes every year, and the cycle of activities is repeated in order to address new workplace issues. The representative teams selected from respective manufacturing sites present the results of their one-year activities at a company-wide conference. We at Muratec are engaged in a variety of businesses, and each of our plants features its own unique products and manufacturing methods. The company-wide conference, where employees of all our plants gather and share their case studies and results obtained through the activities, has become a well-established forum within the Muratec Group to gain new insights and industry knowledge and has been held annually for more than 50 years. Executives from all business divisions attend the company-wide conference to select the best team.



The Kaga Factory, a textile machinery plant, has a track record of winning many Quality Circle Awards over the years, and each employee's high level of quality awareness and improvement implementation ability has driven improvements in the manufacturing level across the entire Group. Quality Circle Activities are not top-down, but rather involve employees taking the initiative to identify problems and come up with and carry out solutions, which also lead to the growth of each employee. Muratec will continue to carry out improvement activities including Quality Circle Activities, so that we can provide our customers with even higher quality products and peace of mind.



Continually creating innovative technologies for the fulfillment of a prosperous society



Textile Machinery
-Automatic Winder
-VORTEX Spinning System



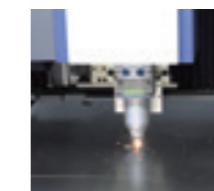
Logistics Systems / Factory Automation Systems
-Automated Storage & Retrieval Systems (AS/RS)
-Sorting System



Automated Material Handling Systems for Clean Rooms
-AMHS for Semiconductor Fab.
-MCS (Material Control Systems)



Machine Tools
-Twin Spindle CNC Chucker
-In-Line Opposed Twin Spindle CNC Turning Machine



Sheet Metal Machinery
-Laser Punch Press
-Press Brake
-Fiber Laser Cutting Machine



Communication Equipment
-MFP (Multifunctional Peripheral)
-Facsimile

Kendo

剑道



Kendo is a traditional Japanese martial art that developed from the sword techniques used by samurai. Kendo is a sport in which practitioners compete for points by accurately striking specific parts of their opponent's body, including the head, torso, and wrist with a bamboo sword called "shinai." Of course, Kendo requires training in mastering techniques, but it also places a heavy emphasis on etiquette, respect, correct posture and attitude, and harmony between mind, technique, and body.

In Kendo, there is a ranking system known as "Dan." The higher one moves up in Dan rank, the higher the standards of etiquette and character demanded in addition to techniques. The Dan rank promotion examination includes not only practical techniques but also a demonstration of a set of basic motions called "Kata." Kata is derived from Kenjutsu or swordsmanship, the origin of Kendo. It is designed to teach the mindset required for life-threatening

situations, how to maintain the proper distance from an opponent, and etiquette and respect.

Another characteristic concept of Kendo is Zan-shin. This refers to the posture of not letting your guard down and staying vigilant, remaining calm and preparing for the next attack or subsequent action even after striking your opponent. If one shows any expression of joy or a lack of concentration right after striking, a strike judged valid may be revoked. The spirit of Kendo, which values maintaining a calm mind regardless of the results, is a way of thinking that is very different from other sports. Kendo can be said to be a martial art not only for acquiring techniques but also for training the mind.

Based on this philosophy, Kendo is popular as a martial art that embodies the spirit of Japanese culture, and international Kendo competitions are held annually.

剑道是日本的传统武道,以武士所用的剑术为基础发展而来。这项竞技通过以竹刀精准击打对手头部、躯干、手腕等特定部位来得分。既讲究技艺锤炼,也注重礼仪、尊敬之心、端正的姿势与态度,尤其讲求“心、技、体”三者的和谐统一。

剑道设有“段位”等级,段位越高,对习剑者的要求就不仅在于技艺的精进,还包括礼仪与人格修养。在升段考核中,除了实战对抗,还需要进行被称为“形”的演武。“形”承袭自作为剑道本源的剑术,旨在领悟生死对决时的心境、与对手之间距离的把控,以及礼法的学习。

此外,剑道独具特色的理念之一是“残心”,意指攻击后仍不可松懈,需凝神静气以应对后续动作的姿态。如果在击中后流露出喜悦之色或注意力涣散,即使判定是有效击打,其得分也可能被取消。不执著于胜负、始终保持平常心,这一剑道独有的精神,是剑道区别于其他体育运动的鲜明特征。因此,剑道不仅是一门技艺,更是一场锤炼心性的武道修行。

正因秉持这样的理念,剑道作为彰显日本文化精神的武道而广受喜爱,每年都会举办国际性赛事。