

100 years old Japanese SMEs is looking for EU distributors for high-tech optical instruments and microscopes

Summary

Profile type

Business Offer

Company's country

Japan

POD reference

BOJP20250613002

Profile status

PUBLISHED

Type of partnership

Commercial agreement

Targeted countries

• **All countries**

Contact Person

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Term of validity

13 Jun 2025

13 Jun 2027

Last update

3 Jun 2026

General Information

Short summary

With over a century of experience, this Japanese SME has specialized in the research, development, and manufacture of a wide range of optical elements and instruments. The company is looking for distributors under a commercial agreement to present their latest high-tech microscopes within the EU market.

Full description

The Japanese company operates in the field of optical technology. With over a century of experience, they specialize in the research, development, and manufacture of a wide range of optical elements and instruments.

The company's flagship offering includes macro zoom lenses designed specifically for microscope applications. These lenses are renowned for their exceptional quality and versatility, catering to various industries and applications. Featuring compact designs, the lenses offer high magnification capabilities and superior optical performance, making them ideal for quality assurance (QA) applications in industries such as PCB manufacturing, metal fabrication, printing, pharmaceuticals, and more.

In addition, they offer a handy micro-meter with LED illumination applied in field inspection or manufacturing site, with a unique integration of measurement accuracy. The micro-meter enhances precision, improves workflow efficiency, and reduce equipment costs.

The Japanese company also provides OEM services for those requiring vision systems in their manufacturing machinery or analytical instruments. The company's expertise lies in their deep understanding of optical engineering principles, precision manufacturing processes, and commitment to delivering reliable and innovative solutions to their customers.

The company is offering its TS-XL-CZ10 microscopes and TS-HM-120 micro-meters under a commercial agreement to distributors with relevant experience.

Advantages and innovations

The TS-XL-CZ10 is a microscope with built-in LED ring light and acrylic stand. It redefines portable microscopy by integrating a 3x macro zoom lens, acrylic guide, and white LED light with dimming capabilities into a single unit. The product includes optional extender lenses to increase magnification while maintaining the same working distance, providing adaptability to specific magnification requirements. Furthermore, the product supports C/CS mount cameras with CCD sensor sizes from 1/2" to 1/4", improving on the limited camera compatibility of similar microscopes.

Furthermore, the TS-XL-CZ10 microscope offers economic benefits such as:

- Weighing just 234g and measuring 116mm in length, this product is ideal for fieldwork and increases operational efficiency.
- The microscope is competitively priced, and its all-in-one design reduces upfront costs while simplifying maintenance and operation.
- Its integration with cameras and optional extender lenses increases productivity of the observation process and eliminates complicated adjustments.

The TS-HM-120 handy micro-meter features unique technical performance aspects. Unlike traditional models that require separate illumination devices or external power sources, the product integrates a LED lighting system powered by internal batteries. This significantly reduces setup time and enhances usability in field inspections or on production lines. It also includes a proof prism optical system to provide upright and laterally correct images. Furthermore, the micrometer offers cost-effectiveness by combining functions such as a microscope, lighting, and measurement in a single unit. The product supports optional camera attachment integration.

The handy micrometer is well applied in the electronics and automotive industries in Japan, where it is renowned for its rigorous quality standards, demonstrating the proven reliability of the TS-HM-120. Moreover, the product is CE-certified with RoHS directives compliant.

Technical specification or expertise sought

Stage of development

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**

IPR Status

IPR Notes

Partner Sought

Expected role of the partner

The company is offering the TS-XL-CZ10 microscope and TS-HM-120 handy micrometer under a commercial agreement, and seeking EU distributors with experience in and knowledge of video microscope & microscope markets.

Type of partnership

Commercial agreement

Type and size of the partner

- **Big company**
- **SME 11-49**
- **SME 50 - 249**
- **SME <=10**

Dissemination

Technology keywords

- **02007012 - Optical Materials**

Market keywords

- **05004003 - Laboratory equipment**

Targeted countries

- **All countries**

Sector groups involved

Media

Images



[Microscope](#)