

Technology Offer

Innovative optical, fiber optical and optomechanical solutions for medical, process and environmental measurement devices

Summary

A Finnish company has developed their expertise and manufacturing capabilities of optics, fiber optics and optomechanics to design and manufacture optimal solutions for optics assemblies. The company is seeking partners for commercial agreements with technical assistance. Possible partners are the manufacturers of optical measurement devices for clinical chemistry, process industry and environmental measurements in Sweden, Norway, Denmark, Germany and the UK.

Creation Date	11 April 2017
Last Update	04 May 2017
Expiration Date	04 May 2018
Reference	TOFI20170404001

Details

Description

This Finnish SME was established in 1984 and currently it employs almost 50 people.

It is developing and manufacturing customized optical components, modules and assemblies for optical devices. The personnel of company is professional and experienced. The company provides versatile in-house capabilities and resources for the partnership concerning optical, fiber optical and optomechanical solutions.

The company's in-house expertise and manufacturing capabilities include:

- drawing of specialty optical fibers,
- molded glass optical components,
- glass crafting,
- thin film coating,
- CNC machining of precision mechanics and
- assembly of optical devices.

The company is seeking partners involved in manufacturing

- medical devices for clinical chemistry,
- in-line or on-line measurement and quality control devices for process industry or
- environmental measurement devices.

The product can be e.g. optical measurement sensor, device or analyzer, specialty lighting solution, high power laser or optical cables. The company has the capability for series production and they give technical assistance for product development, prototyping, testing,

production and quality control. Partners are sought in Sweden, Norway, Denmark, Germany and the UK.

Advantages and Innovations

The company develops innovative photonics solutions for optical components, modules and assemblies.

Due to company's combination of in-house manufacturing technologies and capabilities it is able to offer the optimal solution even for for harsh applications and at various wavelengths from UV to NIR. They produce airtight and sealed optics solutions.

This SME has 100+ demanding customers every year and all of them recommend them (Customer Survey 2015).

The company is ISO9001 and ISO14001 certified and audited regularly by Fortune 500 Customers.

Stage of Development

Already on the market

IPR Status

Secret Know-how

Profile Origin

Other EU programme

Keywords

Technology

09001007 Optical Technology related to measurements

Market

03006 Fibre Optics
 05004005 Diagnostic equipment
 05007004 Monitoring equipment
 08002002 Industrial measurement and sensing equipment
 09003001 Engineering services

NACE

C.23.1.2 Shaping and processing of flat glass
 C.23.1.9 Manufacture and processing of other glass, including technical glassware
 C.26.5.1 Manufacture of instruments and appliances for measuring, testing and navigation
 C.26.7.0 Manufacture of optical instruments and photographic equipment

Network Contact

Issuing Partner

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Open for EOI : **Yes**

Dissemination

Restrict Dissemination to Specific Countries

Denmark, Germany, Norway, Sweden, UnitedKingdom,

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

1984

Turnover

1 - 10M

Already Engaged in Trans-National Cooperation

Yes

Certification Standards

ISO 9001
ISO 14001

Languages Spoken

English
Finnish

Client Country
Finland

Partner Sought

Type and Role of Partner Sought

The company is seeking partners for commercial cooperation agreement with technical assistance. Possible partners are using optomechanical assemblies, devices or components for process automation and instrumentation or optical fiber bundles, cables or other optical components for devices or analyzers. They can be manufacturers for process industry, clinical chemistry or energy & environment who are looking for a partner to develop and / or manufacture their optical solution.

Type and Size of Partner Sought

SME 11-50, SME <10, 251-500, SME 51-250, >500

Type of Partnership Considered

Commercial agreement with technical assistance

Attachments
