

**TIDAS® OEM**  
**More than Components**  
**for Spectroscopy**



**TIDAS®**  
 OEM

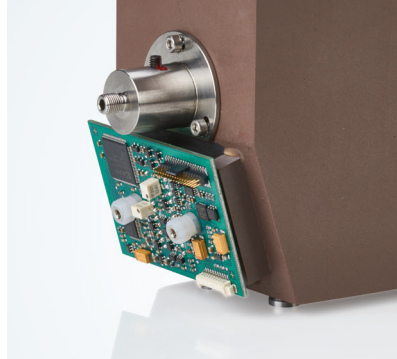
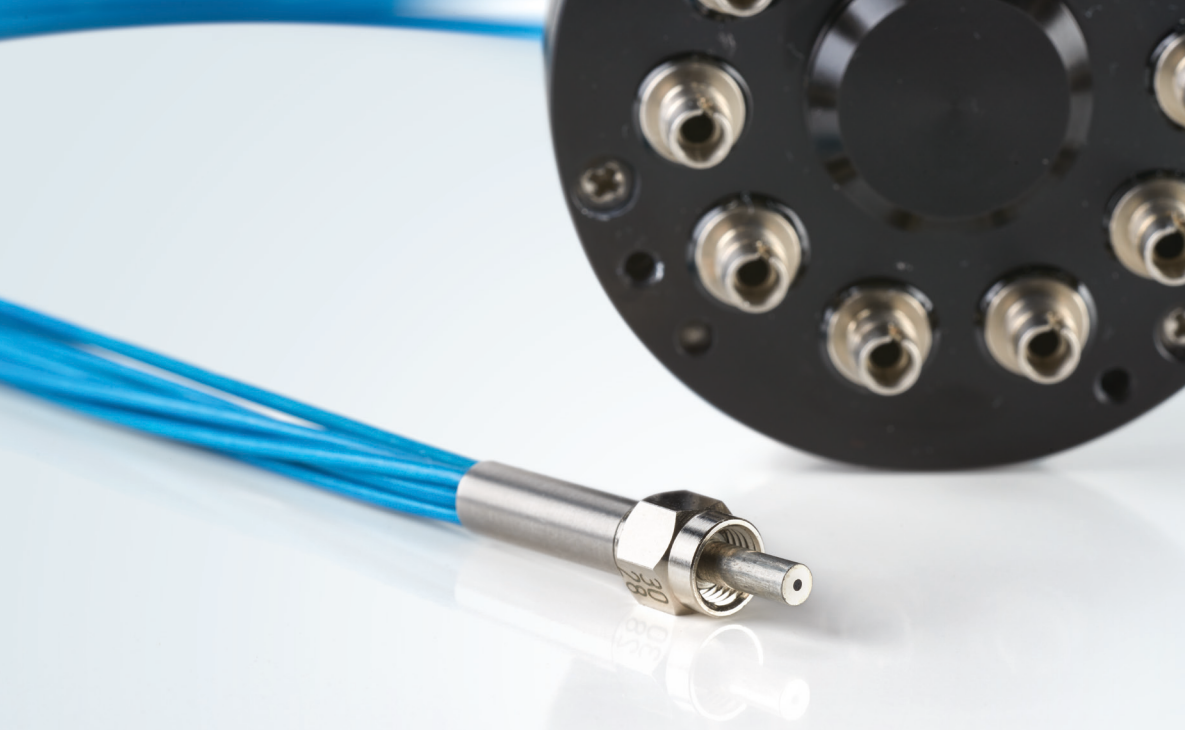


J&M, as the pioneer in fiber optic spectroscopy since 1987, is well known for its superior HPLC UV/VIS diode array detector modules. We support you as an OEM customer in creating and implementing new technologies into your application.

**Advantages**

- › Customer-oriented development
- › Components and instruments
- › Design and production
- › DIN ISO 9001
- › TUV/UL certification
- › USP/EP validation
- › Scalable quantities

The J&M TIDAS diode array spectrometer series are the fastest and most sensitive in their class and field. They use high quality optics, powerful electronics, customized fiber optic probes and software. To achieve this, J&M has developed a new family of sensor electronics. Combined with powerful on-board processing capabilities and different process interfaces, the ASPEN electronics family is the basis for the OEM instrumentation. Not only technical aspects like our know-how in fiber optics design but also understanding your needs for quality and cost effectiveness creates value for our OEM customers.



## Specifications

Wavelength range	UV-NIR
Single element detectors	PMT, Si-PD, APD, Si-PMT
Diode array detectors	NMOS, CCD, InGaAs
Electronics	Sensor electronics, TE coolers, CPU boards
Broadband lights	Deuterium, tungsten, xenon, flashlamp
Monochromatic lights	LED, laser, scanning monochromators
Fiber optic components	Fiber arrangements, collimators, multiplexers
Interfaces	USB, TCP/IP, PROFIBUS, Modbus, 4-20mA
Software	Instrument device drivers, DLL, .NET, C++
Probes and cells	Analytical and process cells / probes, cuvette holders
Certificates	CE, TUV/UL, ATEX, EHEDG

We provide detectors, light-sources, opto-electronic components and software modules for customer specific applications. The components are optimized for use with optical fibers and are designed to be integrated seamlessly. Our in-house R&D team with experts in precision engineering, optics and electronics will work with you to understand your application and to develop the URS.

## Your Benefits

- › Optimized for fiber optics
- › Seamless integration
- › Well documented custom software and drivers
- › Produced according to CE/UL/CSA standards
- › USP/EP compliant validation and certification