

Ophir Spiricon Europe OEM Procedure - Customer

What is referred to as an OEM sensor?

OEM sensors are sensors with a specific part number that are typically based on an Ophir standard sensor technology but have been modified to meet the special needs of a certain customer. OEM sensors can either be modified in terms of their mechanical or technological specifications but also in terms of a specific calibration. If there is a need for a customer specific product specification the request will have to be taken to our development team. Please check individual pricing with your sales representative. The following explanations refer to the post sales customization of sensors in terms of the calibration requirements and procedure.

How is a sensor defined as OEM sensor?

Your application requires a specific sensor in terms of its calibrated wavelengths. There is an Ophir standard sensor that needs to be modified to meet your needs. You can request to create an OEM sensor with a separate part number for a fixed price. Together with your Ophir sales engineer, the new specifications of the sensor will be defined.

Example: Customers want their sensor to be calibrated individually for one specific wavelength instead of all wavelengths as specified for the standard sensor. Or the customer application requires multiple calibration points on one wavelength where standard sensors would have only one calibration point per wavelength.

What are the benefits of defining an OEM sensor?

Once the new part number (P/N) is available, the calibration procedure of the OEM sensor is defined in the new specification and entered to Ophir's global calibration software WinPack.

- ✓ All future calibrations of the sensor - no matter in which Ophir R&R-lab around the world - will be performed according to the P/N based on the OEM specification.
- ✓ No manual modification or flying paperwork is required.
- ✓ The process is robust, save and time efficient for customers and the lab technician.

How is the standard sensor converted into an OEM sensor?

The customer sends the existing standard sensors to the Ophir calibration site in Darmstadt. The change of the sensors "identity" will be accomplished, and the sensors will be calibrated afterwards again.

For the conversion of the standard sensor into an OEM sensor with specific calibration procedures a one-time administrative charge of 900€ for the creation of the OEM P/N applies. The reprogramming of each of the standard sensors is performed at a 100€ (one-time] fee then. Afterwards the cost for calibration of the OEM sensors is lowered to only 202 € (i.e. instead of 329€ for a standard Thermo sensor) as per 2021.