

### 1.4.2.4 Examples of Custom OEM Thermal and Photodiode Sensor Solutions

In addition to the standard OEM products described above, Ophir has accumulated over 25 years of experience in developing products which are tailored to precise physical configurations provided by the OEM customer. These

products include custom discs (with or without electronics), specially configured thermal or photodiode-based power sensors, and much more. A number of these special OEM products are shown below.

#### Flat Profile Thermal Sensor

This sensor with 50mm aperture is used as an exposure detector for photolithography and is only 10mm thick.



#### Super Compact Thermal Sensor

Thermal Customized Solutions (OEM) sensor designed to be cemented into user system. Dimensions are under 10mm x 20mm footprint and 4mm height. The sensor can be connected to an Ophir smart meter to measure power or energy or can be used directly with voltage output.



#### Compact, hand held thermal Smart Sensor

This thermal sensor is only 20mm thick to enable probing in hard to reach locations. It can measure up to 25W. It is designed specifically to be hand held, and works with any Ophir Smart Meter.



#### High Power OEM Sensors

Ophir offers OEM sensors for higher powers than listed above up to 5000W and above. The sensors have a built in electronics module on the rear of the sensor and can be configured to give RS232, USB or Ethernet output.



#### Special Requirements and Mechanical Designs

Ophir can design made to order mechanical designs to fit the customer's requirements. In addition the design can include clean room requirements, vacuum requirements and special connectors.



#### OEM BeamTrack or Quad sensor with RS232 output

The BeamTrack sensor showing power, X position, Y position as well as size or Quad showing power, X position and Y position is now available as an OEM version with RS232 of all parameters.



#### Industrial Type Designs – Ethernet IP/Profinet

Ophir offers industrial designs with industrial type connectors as well as industrial interface protocols such as Ethernet IP/Profinet

#### Ordering Information:

The products shown above are examples of OEM solutions products developed for specific customer applications. Please consult with your Ophir representative who will be happy to help you with any requirements you may have.