

The **NG2** oil film sensor measures oil film thicknesses on metal surfaces

This device uses robust infrared technology to measure oil film thicknesses. All measurement relevant data can be read from the illuminated graphic display. Oil films can be measured between 0.1 and 6 g/qm ($\approx \mu\text{m}$).

The user can upload his required calibrations from a large selection of factory calibrations or aided by the calibration wizard of the front end software he can develop his own tallormade calibrations.

Due to our new EasyCal technology customers can freely exchange these calibrations between different instruments or share with their customers or suppliers.

Self-tests on an internal set of gold standards monitor the correct and accurate function of the device.

All parts of the device (display, filter wheel, sensor, reference mechanism, rechargeable battery and electronics) are well protected by a rugged, rubber coated aluminum housing.



Compelling benefits

- fast, accurate lubricant measurements using infrared technology
- measurements are taken within one second
- illuminated, easily readable display for all measurement data
- easy handling and convenient operation
- life long warranty on the redeveloped infrared light source



The carrying case includes:

measurement device with manual, 2 rechargeable batteries, data cable, BlueTooth dongle and USB-adapter, front end software on USB stick, charger and cleaning accessory



Convenient, light-weight and in use everywhere - the **NG2** oil film sensor by INFRALYTIC.

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All details at a glance

Power supply:

- 7.2 V, rechargeable Ni/MH battery
- device runtime with fully charged battery: approx 9 hrs.

Display:

- illuminated graphic display
- freely selectable metal surfaces
- film thickness with error display and/or median value
- multi-lingual display menu for various display options

Controls:

- on/off button
- measurement trigger in the carrying handle
- selection button for metal types and menu operation

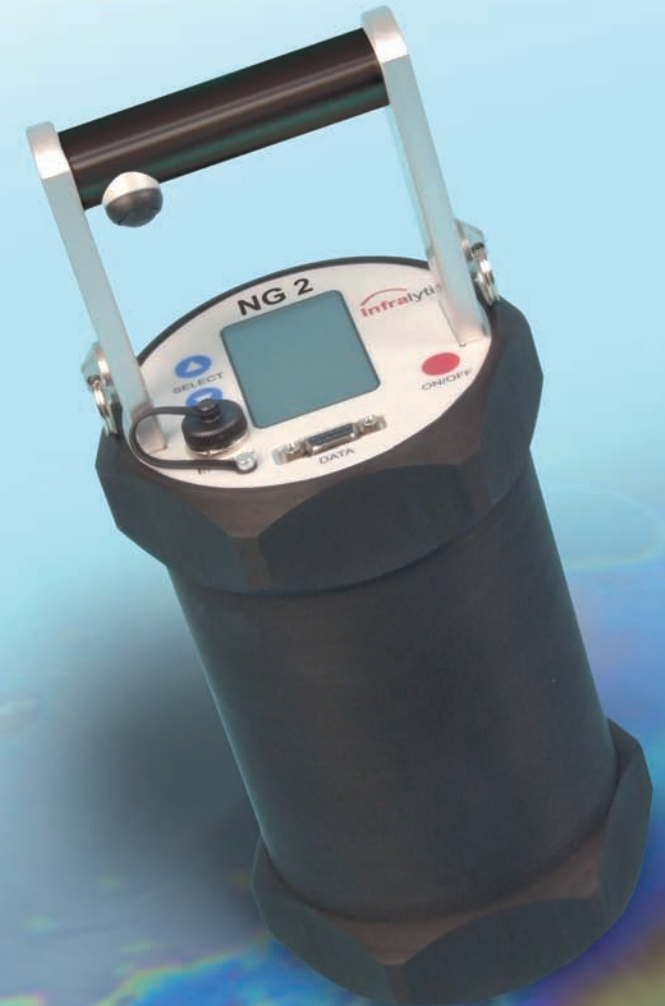
Mechanical systems:

- cylindrical, rubber coated aluminium housing
- height 22.8 cm (33.5 cm incl. handle)
- diameter 14.5 cm
- weight 3.4 kg incl. battery

Interfaces:

- RS232 or BlueTooth for PC data transfer (USB adapter and BlueTooth dongle included)
- DIN connector for internal battery charging or mains operation

NG2 OIL FILM SENSOR



Portable oil film thickness measurement equipment