QUALITY CONTROL MADE EASY
with OPTO-FLUIDICS
Optical and photonic technologies based on LASER and LED devices can meet the most demanding and challenging industrial requirements

APPLICATIONS
Medical/Pharmaceutical
Food and beverage
Automotive
Oil and Gas

INDUSTRY STANDARD
Contact-less Optical Measurements benefit of the availability of low cost devices qualified for use in several fields where miniaturization and long lifetime matter:

Some examples:
- compliance to AEC-Q101 for automotive
- bio-compatibility for medical applications
- MIL specs for aerospace and defense
Optical Contact-Less Measurement with LED source satisfy two main requirements for the development of easy-to-customize solutions for different markets:

- USE OF INDUSTRIAL GRADE COMPONENTS
- OPTICAL LAYOUT SUITABLE FOR DIFFERENT APPLICATIONS WITH MINOR MODIFICATIONS

The timeline shows how a device developed to measure Concentration in fluids can be adapted to the exigencies of a wide range of applications.

- **2015**
  - **FUEL QUALITY CONTROL**
    - AUTOMOTIVE
      - Extended Temperature Range
      - Shock and Vibration Resistance
      - Volume production

- **2016**
  - **FOOD AND BEVERAGE**
    - FOOD AND BEVERAGE
      - Food-compatible
      - Immunity to gas and bubbles
      - Harsh industrial environment

- **2017**
  - **DIAGNOSTICS IN DIALYSIS SYSTEM**
    - MEDICAL
      - Bio-compatible
      - High sensitivity
      - Low invasivity
  - **SOFT DRINK QUALITY CONTROL**