



FOOD & BEVERAGE

**MEASURING SYSTEMS - PROCESS CONTROL - CERTIFICATIONS
VALIDATION - DETERGENTS AND SANITIZERS**



GDS srls was born during a long experience gained in over 15 years of sales and assistance to food, medical and pharmaceutical industries in Italy and abroad, with particular reference to quality control and safety products.

The areas are:

Food Industry

- Assurance and control of the parameters relating to the pasteurization and sterilization process of food products.
- Assurance and control of the parameters relating to all phases of storage and transport of the product.
- Planning, Design and carrying out of laboratories
- Quality Certifications (BRC, IFS, FDA, ISO22000, ISO 14001, etc.).
- Laboratory analytical services in the chemical, chemical-physical, microbiological, toxicological fields aimed at the following types of control for food safety.

Medical sector

- Assurance and control of the parameters relating to the sterilization of the surgical instrumentation and the proper function of the autoclaves with the relative certification.
- Temperature assurance and control: mandatory conditions to ensure the perfect preservation of pharmaceutical and biological material

Pharmaceutical Sector

- Temperature control: conditions necessary to ensure the perfect preservation of medicine during the stages of production, also storage and transport.
- Assurance and control of the parameters relating to the sterilization of the surgical instrumentation and the proper function of the autoclaves with the relative certification.

HOT CHAIN

SOLUTIONS FOR MONITORING TEMPERATURE, PRESSURE AND HUMIDITY DURING PASTEURIZATION, STERILIZATION, COOKING AND MATURING PROCESSES

The range of Data Loggers of temperature, pressure and humidity is suitable for multiple applications:

- Pasteurization processes of beverages, canned food, jams
- Sterilizing processes of band tin plated for canned food, jars
- Autoclave monitoring
- Monitoring of handmade pasta
- Drying processes of pasta and wheat
- Cooking processes
- Bakery
- Cooling processes
- Ovens
- Smokehouses

Their design, AISI316L stainless steel material and IP68 of protection make them extremely versatile



COLD CHAIN

TEMPERATURE AND HUMIDITY MONITORING SOLUTIONS FOR SHIPPING AND COLD CHAIN



Datalogger for temperature / humidity monitoring in numerous areas and applications as:

- cold rooms
- seasoning rooms
- store
- transport

Wireless Systems - NFC - Bluetooth - Radio
Each solution is designed for different and specific applications, which include software and accessories.



THERMOMETERS

Thermometers are suitable for accurate and precise measurements in a wide range of measures. They are recommended for applications in the laboratory or wherever you need high precision.

We have portable and bench thermometers such as:

- PT100 thermometers: suitable for precision measurements. For temperature control in laboratories, in the sector transport, in the pharmaceutical industry, in the food industry and in general in all production sectors.
- Thermocouple thermometers: suitable for high measurements temperature and for quick measurements.
- Infrared (IR) thermometers: suitable for instantaneous measurements of surface temperatures, carried out remotely without contact.

Infrared thermometers are used for temperature checks with immediate response times.



PHMETERS

Portable and benchtop pH meters also suitable for measurements on the field.

The more advanced versions may have additional functions as internal memory, computer connection for download data, Good Laboratory Practice (GLP) function.

It is important to remember that the most significant role in the measure pH belongs to the electrode and is therefore fundamental dwell more carefully on this choice since depending on the application and use the electrode has a shape, different material and performance.



REFRACTOMETERS

Refractometers are suitable for determining the content of sugar (expressed in degrees Brix of fruit, vegetables, juices, wine and beer) or salt in a product.

There are digital and optical refractometers. The digital refractometer is an electronic measuring instrument which, through the determination of the refractive index of a sample, allows you to evaluate its composition and measure specific substances dissolved in it. Refractometers are widely used in various sectors e applications.

Discover our full line of portable and portable refractometers bench for normal routine checks. All models are supplied ready for use with calibration kit and padded case.



BALANCES

The balances are placed in laboratories and in production.

Balances can be analytical, precision, technical, industrial and with capacities from 220 gr to 100 kg and resolutions from 0.0001 g to 10 g.

They are supplied on request also with calibration certificate ACCREDIA.



WATER ACTIVITY MEASUREMENT

The AW value is an important indicator of shelf life of foods and affects the appearance and growth of microorganisms.

We offer a full range of measurement products of water activity. By combining the various types of probes with portable instruments or by counter, you can meet your needs.

The tools are precise and stand out for their efficiency, interchangeability, ease of maintenance and calibration.



O₂/CO₂ ANALYZER

Guarantee the quality of atmospheric packaging modified thanks to the analysis of the headspace.

Accurate measurement of gas percentages in space head in packaged foods such as cheeses, meats, bread and pasta contributes to guaranteeing the quality of the packaging in modified atmosphere.

Our product range offers MAP quality control business suit:

- Headspace Analyzers
- Leak detectors in the package
- Gas mixers
- In-line MAP gas analyzers



METALDETECTOR

The metal detector intercepts small metal parts possibly present in the product being processed or in the finished one.

It can block the progress of the processing cycle with the precise location of the metal in the semi-finished product, or it can command the instantaneous rejection of the product in the section offending or in outbound packaging.

The metal detector finds its application in all sectors of the food industry:

- Dairy
- Frozen foods -Confectionery
- Processing of meats and cured meats
- Sugar factories
- Pasta factories
- Bakery products
- Oil mills
- Fruits and vegetables
- Rice mills
- Yeasts
- Ice creams
- Spices



VEGETABLE, OIL, GRANULAR, MEAT AND FISH PROCESSING MACHINES (new and used)

- X-ray
- Autoclaves
- Cooking pans
- Labeling machine
- Seamer
- Vacuum fillers
- Filling machines
- Capsuling machines
- Pasteurizers
- Washing machines
- Rising and baking spirals, cooling and freezing

CLEANSING AND SANITIZING FOR MACHINES AND ENVIRONMENTS

- Products for cleansing e sanitation (also PMC)
- Pressure washers
- Washer-dryer
- Ozone generator
- UV lamp

PARTNERSHIP

GDS srls also supports companies through the following services:

- Calibration Service for instrumentation e machinery with the release of a Traceable Certificate and / or an ACCREDIA Primary Certificate through LAT centers.
- Validation of heat treatment plants and processes (pasteurization and sterilization) with qualified personnel with courses FDA.
- Verification of food quality and safety through analysis chemical and microbiological.
- Consulting firm for certifications such as IFS / BRC / FDA.
- Consultancy firm for Financing and Contributions to businesses.





www.giorgiadalsasso.com



GDS srls

C.so V. Emanuele 127, 84123 SALERNO
V.le Strasburgo 1, 35030 Rubano (PD)

sales@gds-srls.com / segreteria@gds-srls.com

+39 3356305174 / +39 3914572298

P.IVA 05885240654