



It is essential to ensure that the colour of the semolina measured immediately after grinding is identical to the colour of the semolina when it arrives at the pasta factory. This is an effective way of contributing to guarantee the highest level of quality for the end consumer, knowing that the colour of the raw material affects the finished product. Each recipe and type of pasta requires semolina of a specific colour, and although there is a range of tolerance, it is necessary to ensure this specific colour because, among other reasons, the consumer in the supermarket or bakery has precise expectations in this respect.

One of the strengths of the Eoptis colourimeter is that it is very easy to use. It also provides a value in terms of CIELAB colour space coordinates comparable to that of the standard Japanese technology mentioned above (which is only available for bench-top measurement though). Thanks to the sophisticated sensor developed by Eoptis, Fava is now able to offer laboratory quality in-line measurements that are fully compatible with historical data series and those of pasta factories around the world, allowing full standardisation of the measurements carried out.

Eoptis has always placed the customisation of its technology at the heart of its value proposition. An example of this is the customisation of the CLM-195, based on Fava's needs, to comply with the industrial communication standards (PROFINET or Ethernet/IP) used by the Emilian company. The support provided by Eoptis was characterised by maximum availability, attentiveness and timeliness, which are essential when carrying out cutting-edge innovations.

Of course, Fava's innovation does not end here, nor does that of Eoptis. The former is increasingly focused on the widespread use of Artificial Intelligence to provide advanced digital services, based on the analysis of all the 1200 process variables, in order to make the pasta production line much more responsive and advanced: the aim is to provide the pasta makers using a Fava line with all the information they need to achieve their goals. For its part, Eoptis is expanding its range of colorimetric products, both for use in production lines, as in the case of FAVA, and for laboratory quality control of the finished product.

The logo for Eoptis features a stylized red infinity symbol or 'e' shape followed by the word 'optis' in a bold, black, sans-serif font.

electro optical systems

Eoptis is a highly innovative Italian company specialising in the design and manufacture of vision systems and optoelectronic instruments for in-line control of products and manufacturing processes. For more than 10 years, it has been developing a family of sensors and instruments for colour measurement that effectively support food machinery manufacturers and enable them to have full control over their production. Multidisciplinary expertise in electronics, optics, mechanics and analysis algorithms is used every day to develop products that are available off-the-shelf or for customised OEM solutions. Eoptis integrates highly innovative technologies with industrial-grade, long-term available components to manufacture reliable products that meet the quality standards required by its customers.

The logo for FAVA consists of the word 'FAVA' in a large, bold, blue, serif font.

pasta equipment **Storci**

FAVA S.p.A. has been operating in Italy and worldwide since 1937. With a turnover of over 100 million euros, net assets of 35 million euros, 26,000 square metres covered area in two factories and 330 employees, including more than 50 in the after-sales service, FAVA S.p.A. is the world's largest company specialising in the research, design, manufacture and marketing of pasta production plants. With more than 1500 pasta lines installed in the most important pasta factories in the world, representing 40% of the world market share and about 80% of the Italian market share, Fava S.p.A. looks to the future with confidence, aware that it is contributing to feeding the world, always driven by the motto of its Chairman eng. Enrico Fava: «always one step ahead of the competition».