



Components for catering
and food industry machines

STANDARD MACHINE ELEMENTS WORLDWIDE



elesa®

ELESA presents a wide range of **standard components** in special technopolymer and AISI 303, 304 and 316 stainless steel **for catering and food processing equipment**. **Corrosion resistance, ergonomics and compact shapes** are the main characteristics that distinguish these components. Colours and the possibility of special executions also allow for a perfect aesthetic compatibility on customers' machines, improving their quality.



ELESA uses electricity produced only from 100% renewable sources, i.e. energy produced with natural resources (water, sunlight, wind, tides, geothermal heat, etc.) which therefore do not involve CO₂ emissions (which are instead produced by coal, oil and gas).

Over 80 years of leadership make ELESA the point of reference for designers and manufacturers. Over 80,000 product codes create an annual production of tens of millions of pieces, more than 300 patents worldwide, 56 international awards in Industrial Design, ISO 9001 certification, ISO 14001, ISO 45001, ISO 27001 and AEOF, are the numbers that sum up our business. 15 international subsidiaries and a close collaboration with the most qualified distributors worldwide ensure an efficient and timely service coupled with the guarantee of technical consultancy from the groups' Monza Headquarters.

Points of strength

- 300 PATENTS AND REGISTERED DESIGNS
- 58 INDUSTRIAL DESIGN AWARDS
- WORLDWIDE DISTRIBUTION
- FULL STOCK AVAILABILITY
- CUSTOMISED SOLUTIONS
- TECHNICAL COMPETENCE AT THE CUSTOMER'S SERVICE
- ISO 9001 - ISO 14001 - ISO 45001 - ISO 27001



Design, materials and surface treatments at the service of hygiene



HYGIENIC DESIGN

Stainless steel components to meet the requirements of sectors subject to hygienic regulations, such as food and beverage, pharmaceutical and chemical industries.

Quality of materials, compact shapes without recesses, easy to be cleaned ($Ra < 0.8 \mu m$) are some of the features that prevent contamination of the final product.

Sealing Rings, in compliance with FDA, prevent the access of dirt or foreign bodies between the components. Their blue colour allows an easy visual detection as well.

Much easier cleaning procedures are becoming increasingly important to ensure:

- less fresh water consumption and cleaning agent required to reduce the production of waste water;
- lower energy consumption;
- reduction of total costs and saving of resources;
- more time available for production cycles.



Metal detectable technopolymer in RAL 5001 "Green-Blue"

METAL DETECTABLE

Standard components with AISI 304 stainless steel inserts and special technopolymer, in RAL 5001 "Green-blue", suitable for food contact (FDA CFR.21 and EU10/2011). This special technopolymer contains additives for the detectability of cubic particles by 5 mm, by a metal detector. Furthermore, the specificity and uniqueness of the blue colour, totally absent in their application environment, allow the detection of contaminant parts.





Corrosion Resistance



INOX

ELESA offers a wide range of products in plastic with AISI 303, AISI 304 stainless steel inserts or entirely manufactured in AISI 316 stainless steel. Excellent corrosion resistance for applications where provisions of law make it mandatory to use special corrosion-resistant materials.



Visually detectable technopolymer in RAL 5005 "Signal blue"

VISUALLY DETECTABLE

Standard components with AISI 304 stainless steel inserts and special technopolymer, RAL 5005 "Signal blue", suitable for food contact (FDA CFR.21 and EU10/2011), easily detectable and recognisable to the human eye thanks to the specificity and uniqueness of the colour, naturally absent in the environment in which they are applied. These characteristics contribute to increasing the levels of safety in food production processes in full compliance with international regulations.



The ELESsa standard in your favourite colour

ELECOLORS®

Among its over 45,000 product codes in stock, ELESsa offers an extensive selection of standard components, in the ELECOLORS® range:

Pure orange (RAL 2004), Light grey (RAL 7035), Colza yellow (RAL 1021), Pastel blue (RAL 5024), Flame red (RAL 3000), May green (RAL 6017), Jet black (RAL 9005).

The use of colour offers a perfect aesthetic compatibility between the components and the machines on which they are installed, enhancing the perception of their aesthetic value and quality. Furthermore, colour allows a better differentiation of machine functions, contributing to the benefit of the safety.

elecolors®



*Product images belong to Clifton Food Range®, part of Nickel-Electro Ltd.

Customised solutions

ELESsa offers customised technical solutions to meet customers' specific needs. Production flexibility, technical know-how, R&D constant activity and customer care allow for quick answers and competitive solutions.

PRODUCT CUSTOMISATION

Logos and text by tampoprinting, laser-engraving and moulding

SPECIAL COLOURS

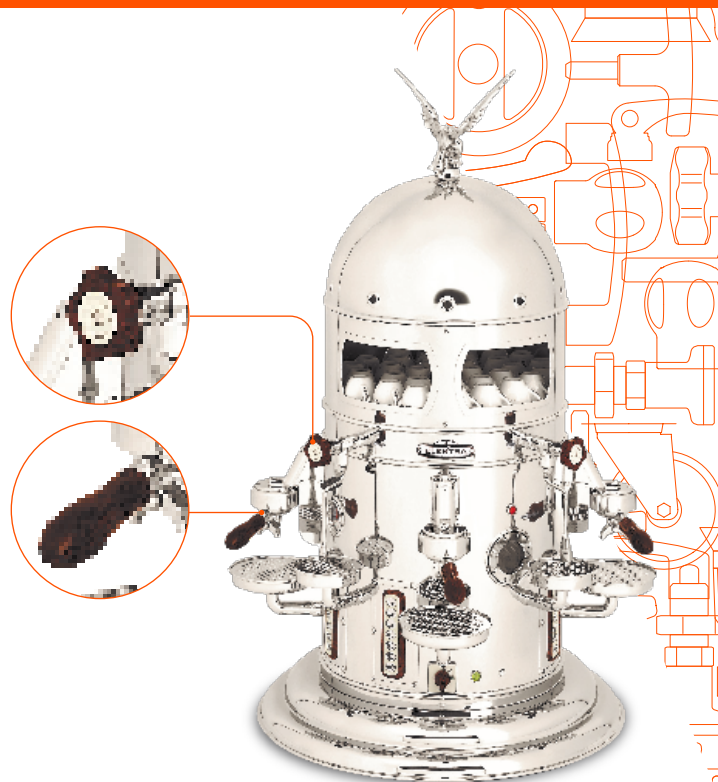
Non standard colour options

SPECIAL MATERIALS AND SHAPES

Special technopolymers, stainless steel and metals; special shapes, dimensions and metal inserts

SURFACE TREATMENTS

Black-oxide coating, zinc-plating, nickel plating, chrome-plating, anodising, epoxy-resin coating





ELESA. More and more...



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