



Components for  
medical equipment,  
precision instruments,  
rehab and disability aids.

**STANDARD MACHINE ELEMENTS WORLDWIDE**



**elesa<sup>®</sup>**

**ELESA** presents an extensive range of components in **engineering plastics and metal designed for medical equipment, precision instruments, rehab and disability aids** even for applications requiring the use of corrosion resistant materials in compliance with the most rigorous hygienic laws.



Over 75 years of leadership make ELESA the point of reference for designers and manufacturers. Over 40,000 product codes creates an annual production of tens of millions of pieces, more than 180 patents worldwide, 38 international awards in Industrial Design, ISO 9001 certification, ISO 14001, BS OHSAS 18001 and AEOF, are the numbers that sum up our business. 11 foreign branches 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

- 180 PATENTS AND REGISTERED DESIGNS
- 38 INDUSTRIAL DESIGN AWARDS
- WORLDWIDE DISTRIBUTION
- FULL STOCK AVAILABILITY
- CUSTOMISED SOLUTIONS
- TECHNICAL COMPETENCE AT THE CUSTOMER'S SERVICE
- ISO 9001 - ISO 14001 - BS OHSAS 18001



FM 23747



EMS 518430



OHS 584384

**elesa**<sup>®</sup>



## White colour with dirt-proof surfaces

### **CLEAN line**

The white colour RAL 9002 is particularly suitable in medical environments, as it allows the prompt identification of any dust or dirt traces.

From a psychological point of view, it gives the operators and patients a sense of sterility and maximum cleanliness.

Stainless steel inserts for applications where provisions of law make it mandatory to use special corrosion-resistant materials.

Compact shapes, smooth surface and glossy finishing prevent any deposit of dirt, dust or machining residues.



## Corrosion Resistance

### **INOX line**

ELESA offers a wide range of products in plastic with AISI 303, AISI 304 and AISI 316 stainless steel inserts or entirely made in AISI stainless steel.

Excellent corrosion resistance for applications where provisions of law make it mandatory to use special corrosion-resistant materials.





## Safe, comfortable and non-slip grip

### SOFT-TOUCH line

The SOFT-TOUCH thermoplastic elastomer coating certified according to FDA (U.S. Food and Drug administration) provides a secure, comfortable grip even under unfavourable conditions of use such as in the presence of moisture and grease and improves the comfort for the operator's hand, allowing absorption of any vibrations during operation.

Special addition of colour in the moulding material or coloured plastic caps and covers allow a total aesthetic combination to customer's specific applications.



## Sanitation against bacterial infections

### SAN line

The increased resistance of some bacterial strains to disinfection treatments has led to a greater exposure to the risk of infections. These microorganisms can cause unpleasant odours, discoloration, degradation and formation of biofilm in plastic material.

The negative effects occur particularly when components are exposed to warm and humid environments, which favour the formation of mould, mildew and fungi.

The hands are considered one of the main vehicles of infection. Therefore Elessa has developed a line of standard components for application in environments subject to the highest hygienic requirements against harmful bacteria and microbes development and growth, such as medical and hospital equipment, disability aids, urban and public fittings.

Elesa SAN line is manufactured in a special technopolymer containing antimicrobial additives (mixture of silver ions on an inorganic ceramic base without chemicals, antibiotics or pesticides) to offer an adequate protection in public environments, hospital and medical.

- No chemical or antibiotic drugs
- Resistant to cleaning agents
- Absolute unalterability of antimicrobial characteristics in the long terms.



# Ergonomics and Design. The service of functionality and security

Ergostyle® elements were initially conceived for a series of new market segment applications including hospital and medical equipment, sports and leisure equipment, scientific instrumentation and office furniture. Nowadays Ergostyle elements are also applied in more traditional industrial sectors whose machines and equipment have undergone a profound aesthetic and design renovation over the last few decades. Elements with soft and elegant shapes with inserts in 6 Ergostyle® colours allow the components to be better integrated on machinery from an aesthetic point of view. In addition, the coloured inserts can be used to differentiate machinery functions, contributing to enhance their value.



FIVE POINTS:  
a discreet trademark that distinguishes  
all ERGOSTYLE® products

The 6 ERGOSTYLE® colours



CT.476, VC.692, VB.639



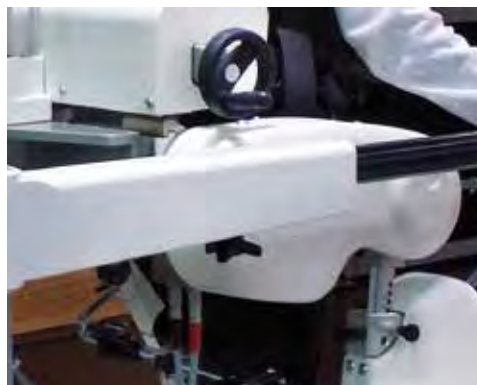
VRTP+I, ERX., PMT.100



MBT., GN 607.2



Clamping knobs and wing knobs in technopolymer with stainless steel inserts.



Manoeuvring, clamping and positioning elements in technopolymer and SUPER-Technopolymer.



Clamping knobs and positioning elements in technopolymer and zinc-plated inserts.



**ELESA. More and more...**



**elesa**

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