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Address	**PICVISA MACHINE VISION SYSTEMS, S.L** CTRA. MANRESA, 50-60 08280 – CALAF
Country	Spain
Phone	0034 607 525493
Internet	www.picvisa.com
Employees	30
Certificates	ISO 9001, ISO 14001, OSHAS 18001, ISO 160002:2014
Year founded	2003

CONTACT PERSONS

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PRODUCTS OR MACHINERY

The ECOGLASS optical sorter allows the automatic classification and separation of various types of materials, by composition (NIR), colour (VIS) and/or shape (deep learning).

ECOGLASS models are designed to work in glass recovery and cleaning processes in different flows.

These equipment are designed in a versatile concept of easy adaptation to different processes where the material is crushed and requires separation or cleaning by means of colour and shape criteria. By means of different options it is also possible to detect lead content in glass and ferrous and non-ferrous metals.

The new generation of ECOGLASS introduces improvements both in performance, with new software developments, in operability and ease of maintenance. Some of these improvements are:

New modular chassis design that improves maintenance access and robustness to the equipment.
Air-conditioned chamber cabinets to improve work stability in the face of significant temperature variations.
Simplification of basic maintenance operations
Sensor module with flowmeter to control compressed air consumption, electrical consumption or vibrations.
Redesign of options such as the second blowing bar, metal detector, etc

PICVISA's testing facility, which is 800m^2, is an industrial-scale testing lab for the recovering of waste and for recycling. Through this facility, the performances and productions of the PICVISA equipment can be confirmed for a wide range of residues, using the most advanced technology and in real functioning conditions.

The Test Center, located in Calaf (Barcelona, Spain), allows to carry out industrial and municipal waste recycling tests. Such as plastic waste, light packaging, glass waste, end-of-life vehicles, paper and cardboard waste, municipal solid waste including organic waste, compost waste and methanation, as well as construction and demolition waste or industrial slag and incineration.

COMPANY BACKGROUND / HISTORY

PICVISA is an **innovative technology-based company** that offers solutions based on **robotics, artificial intelligence and machine vision** to the national and international markets.

We design, develop and produce selection and classification equipment for valuable materials. Our equipment can select and classify these materials by composition, shape and/or colour based on our own **software.** With innovation as our focus, we have expanded our offer by developing new products and adapting to new technologies.

PICVISA offers to its clients optical sorting, robotics, artificial intelligence and deep learning solutions. Some of our clients are Verallia, Vidroporto, Massfix, Sarco, Prezero, Ecovidrio.

We are leaders in the glass sorting field in Spain and Portugal and have developed projects in Brazil, Guatemala and Italy.

Timeline

2003
Foundation of the company in Igualada

2004
PICVISA begins to privot the business towards the recycling sector with optical seperators for the recovery of materials
Glass optical separator

2006
Plastic optical separator

2008
Turnkey projects in glass

2014
Internationalization and turnkey projects for plastic

2018
Entry into:
Artificial Intelligence and Robotics
New ROBOTICS line of business

2019
ECOPICK prototype development at Hostalets de Pierola

2021
ECOFLOW Data service
ECOSORT for automated textile waste sorting by composition and colour

Company Profile of **PICVISA MACHINE VISION SYSTEMS, S.L**

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