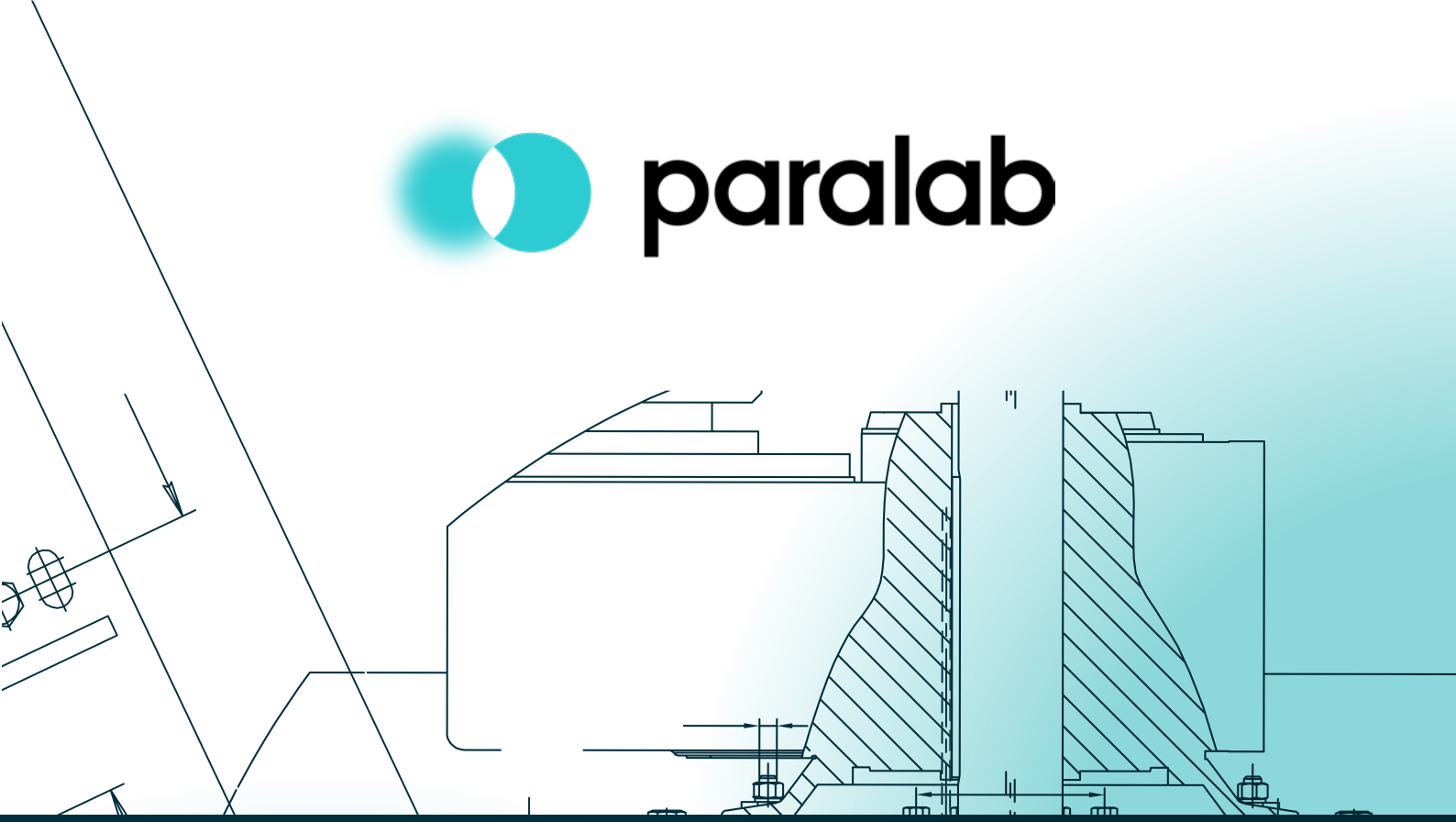
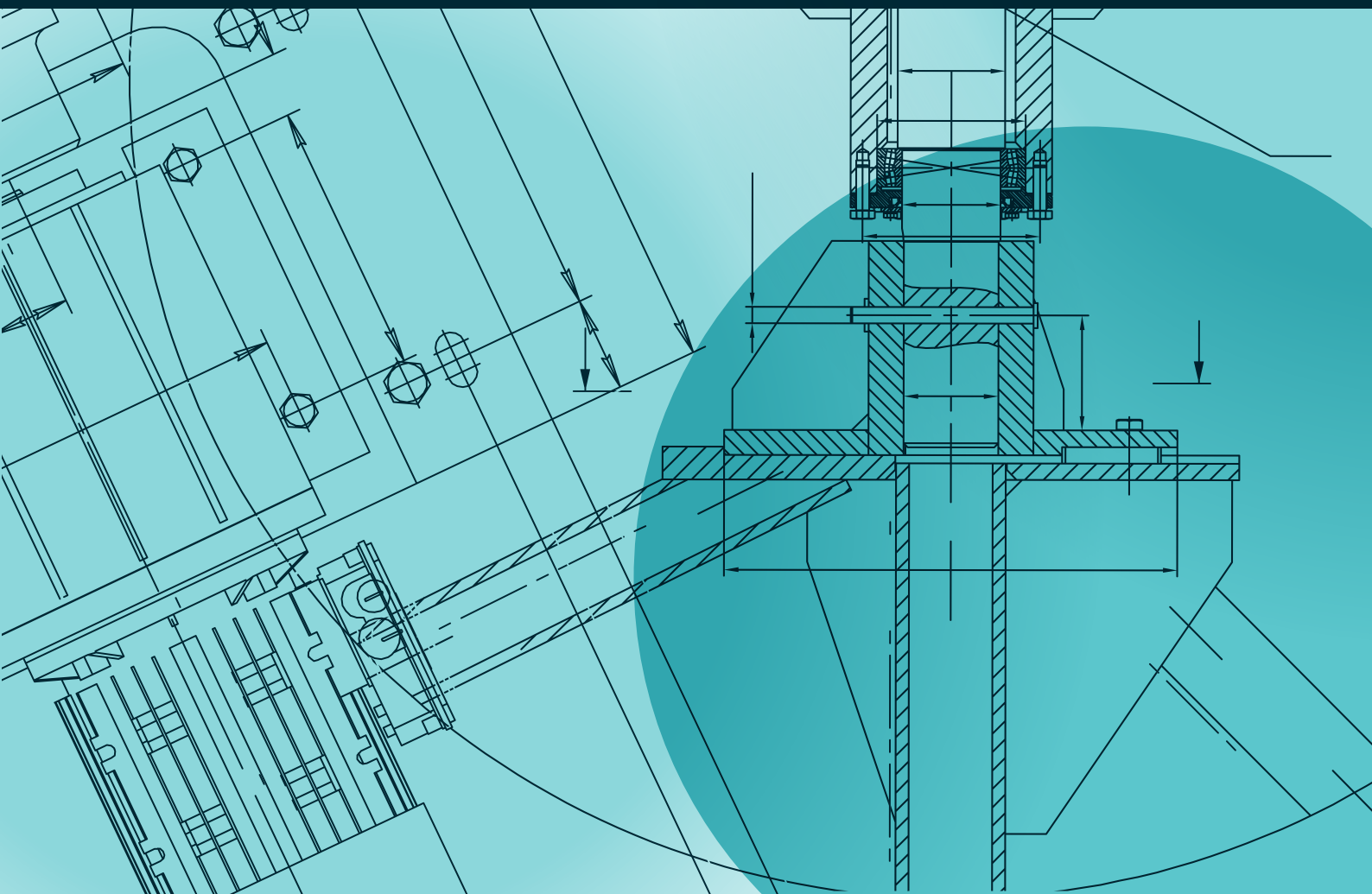
paralab



# CUSTOMIZATION

## DEVELOPMENT OF TURNKEY EXPERIMENTAL UNITS THROUGH SYSTEM INTEGRATION



PARALAB is developing turn-key solutions for lab and pilot scales since 1992.

We have a team of **Chemical Engineers**, **Physicists**, **Chemists**, **Mechanical Engineers and Electronic Engineers** with extensive experience in developing customized experimental set-ups.

Fluidized Bed Reactors  Bioreactors  Photo-Bioreactors

Continuous Stirred Reactors (CSTR)  Plug Flow Reactors  Photolytic Reactors



STERILIZING/ DRYING SYSTEM
WITH SUPERCRITICAL $CO_2$



GEL FORMULATION HOMOGENIZER

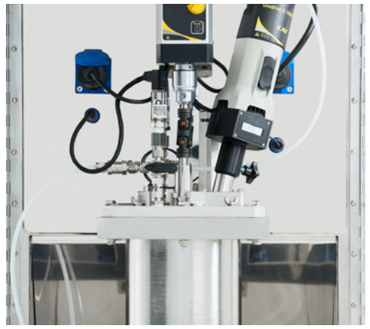
Our **CUSTOMIZATION AND PROTOTYPES DEVELOPMENT GROUP** is always involved in:

- Development of the technical solution
- Mechanical components project
- Electric and electronic components project
- Development of analytical methods whenever necessary
- Software for control and data acquisition
- Assembling and testing of the complete solution
- Customer training



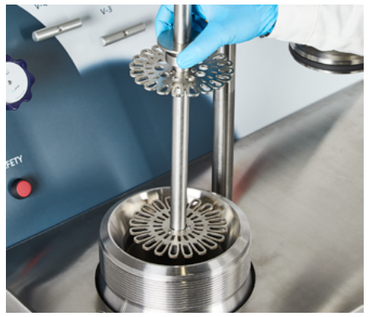

MULTI-POSITION MINI
PHOTOBIORREACTOR SYSTEM

www.paralab.pt · info@paralab.pt













Gasification

Pyrolisis

Supercritical Extraction (SFE)

Supercritical Reaction (SFR)

Hydrothermal Liquefaction (HTL)

HydroDeOxygenation (HDO)

Electrocoagulation

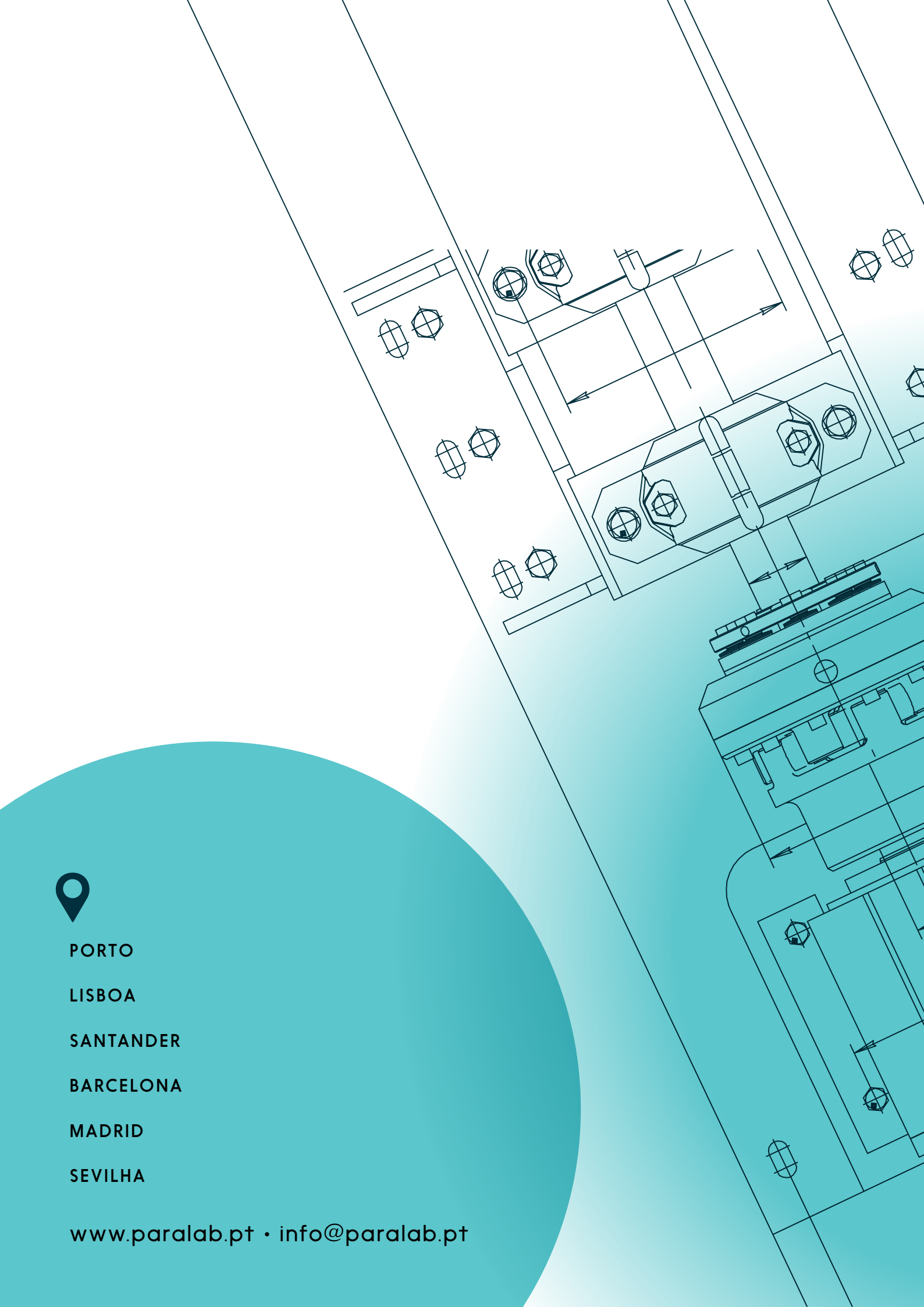
Electro-Fenton

Fischer–Tropsch




MULTI VESSEL CSTR
10 BAR/ 200°C

paralab



PORTO

LISBOA

SANTANDER

BARCELONA

MADRID

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