



CYDAREX

Company Profile

CYDAREX is a spin-off company of the French Institute of Petroleum and was created in 2005 by **Roland Lenormand**. CYDAREX is independent and privately owned.

CYDAREX specializes in the domain of core and cuttings analysis, provides consulting and training services, commercializes laboratory equipment, and develops the conventional and special core analysis software **CYDAR**.

Consulting

With more than 40 years of experience, **Roland Lenormand, PhD**, provides consulting and training services in design, interpretation, supervision, and audit in **Special Core Analysis (SCAL)**.

SCAL Training

SCAL training with hands-on laboratory experiments: Organized in Paris, France, this 5-day laboratory training is designed to give participants a working knowledge in standard SCAL experiments (postponed during the pandemic).

Online Conventional Core Analysis (CCA) and SCAL course are available, tailored to client's need.

Teaching Equipment

Equipment for CCA and SCAL for teaching and training. More economical than standard laboratory equipment, but using the same principles; designed to be safe and easy to use.

Measurements on small rock samples

DarcyPress™ allows measurements of gas permeability under confining pressure on small rock samples from nanoDarcy to several Darcy.

DarcyLog is used for measurements of permeability on reservoir drill cuttings

DarcyShale™ is used for measurements of permeability on shale drill cuttings

DarcyCap™ allows a fast determination of resistivity index, pore size distribution, and capillary pressure without the use of mercury.

CYDAR: Software for Core Analysis

Developed in collaboration with core analysis specialists, the software **CYDAR** offers a powerful solution for design and interpretation of SCAL experiments.

CYDAR covers a full range of experiments, including:

- > Mercury injection (MICP),
- > Absolute permeability measurements
- > Dispersion / tracer experiments, electrical measurements,
- > Centrifuge (Pc and Kr) and two-phase flow experiments,
- > Relative permeability (steady and unsteady state), history matching,
- > Two-phase flow with EOR, for polymer and surfactant flooding,
- > Data acquisition.



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