

HYDROLOGICAL STATION ENERCO 400 H

An automatic and autonomous station

ENERCO 402H Capacity 2 sensors
ENERCO 404H Capacity 4 sensors

Rainfall, Water level
Rainfall, Water level
Temperature, Anemometer



DATA ACQUISITION

- Rainfall : recording the instant of the bucket typing
- Water level : one measure per minute
- Temperature : one measure per second
- Wind speed : continuous measurement

DATA PROCESSING AND STORAGE

Daily results	Hourly results
Rainfall during the period Minimum and maximum values	Rain fall during the period Maximum value during 6 mn
Water level minimum and maximum values	Water level minimum and maximum values
Minimum and maximum temperature with the instants	Minimum and maximum temperature
Total wind passed Maximum wind speed	Total wind passed Battery value
Rainfall correction for high intensity	

CONCEPTION AND PRESENTATION

The conception allows :

- Easy to transport (weight, dimensions, high vibration resistance)
- Quick and easy settlement
- Local access to parameters and data

The equipment is composed of :

- A shelter with natural ventilation and an integrated solar panel
- An electronic box (acquisition unit) water-proof and desiccated.
- Protection against high voltage and storming
- Power supply by internal battery
- Tripod support

Capacity of storage

Internal memory, capacity 1 month

Local reading on LCD displays

DATA TRANSFER TO PC

ENERCO 400 HK

Transfer from static block memory to PC

Capacity of the static block memory : 2 months

ENERCO 400 HX

An internal modem allows data transmission through telephonic network

ENERCO 400 HS

Direct transfer to PC (RS 232)

ENVIRONMENT CONDITIONS

Temperature -30 to +50°C

Humidity 5 to 100 %



CIMEL Electronique

 www.cimel.fr

172, rue de Charonne – 75011 PARIS – Tél. (+33) 1.43.48.79.33 – Fax (+33) 1.43.48.62.61