

## WATER FLOW MEASUREMENT

### Bubble to bubble mono parameter flowmeter HYDRO D1100

- Low consumption
- Serial SDI-12
- Control 2 samplers
- Adjustment of the influences settings



### Bubble to bubble flowmeter with memory HYDRO D1600

- Low consumption
- Serial SDI-12
- Control 2 samplers
- Memorised data transmission / networks alarm
- Other measurements (PH, Temperature, conductivity, rain gauge,...)
- Adjustment of the influences settings



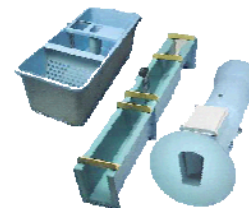
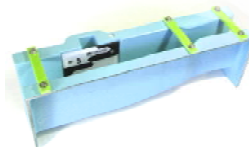
### Buble to buble portable flow meter with memory HYDRO D1700

- Low consumption
- Adjustment of the influences settings
- Alarm thresholds
- Control 2 samplers
- Setting 50 work sites
- Data base (curve download)



### Gauging weirs / Venturi flumes / Contraflux, / Pollubac Channels precision is validated by ENGEES hydraulics study

- Calibrated in laboratory in real terms
- Little space required
- Flow range 0,02 to 7400 L/s
- Available in reinforced polyester or stainless steel
- Ours Venturi flume can measure low flow due to a small threshold
- Easy to install and to use



## TRANSMISSION

### Measurements datalogger HYDRO 500 / HYDRO 500+

- Low consumption
- Measurements, events, photos stored in rotating memory
- Connections : TCPIP, RS232, IP, RADIO/ GSM/GPRS
- HYDRO 500 : 18 Inputs/outputs
- HYDRO 500+ : 37 Inputs/outputs
- Master or slave communication mode
- CEM certificated



### Data collection and processing software HYDRO PC

- Available to Windows 2000, XP, VISTA , SEVEN or 10
- Remote update
- Viewing and editing parameters
- Display currents values
- Collection and storage measurements in the data base



Can be adapted to yours needs

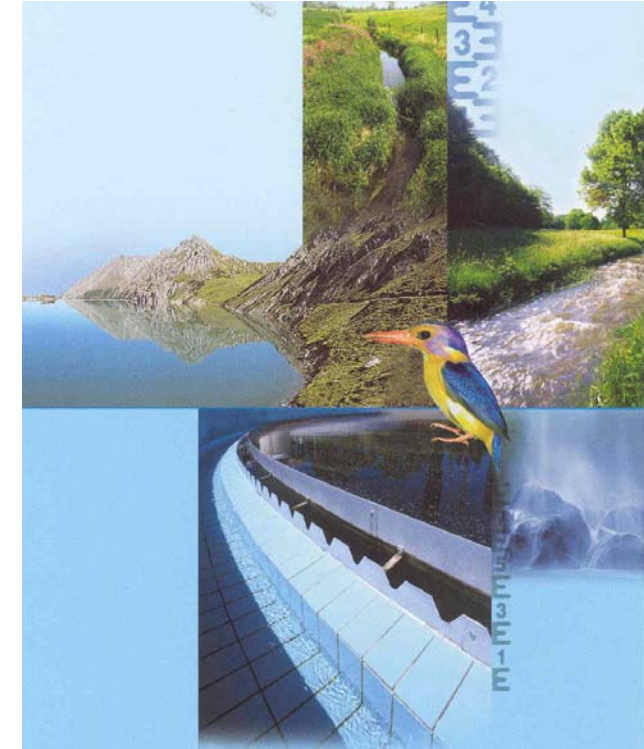
### Code receivers CDC9 / ISP8

- Parallel or series code conversion  
Gray code, binary decimal (BCD)
- 4 adjustable thresholds
- Flow calculation



Whole HYDROLOGIC team is at your disposal for any request to help you in your project.

## WATER FLOW AND LEVEL MEASUREMENT WITH HIGHT RELIABILITY ON SITE OR REMOTE



4 RUE DU TOUR DE L EAU  
38400 ST MARTIN D HERES  
Tel : 00 33 (0)4 76 03 74 74 - Fax : 00 33 (0)4 76 42 40 70  
co@hydrologic.fr - www.hydrologic.fr

## A KNOW-HOW SUPPLIED WITH EXPERIENCE

**HYDROLOGIC** has imagined and built hydrology measurement instruments since 1986. Through years, the company based in Grenoble has accumulated know-how in **level measurement** on the Bubble to Bubble principle.

Since 1987, the low supply level meters use **intelligent sensors**. The manufacture thus takes a decisive advance in using micro electronic and micro data-processing, enhancing its capacity to realize small size apparatus.

With this know-how, **HYDROLOGIC** has created a new range of **water flow meters**.

Portable or fixed, alone or associated with Venturi flumes, gauging weirs, or trademark Pollubac, they are assigned to the sewerage sector.

Its large product range has won **HYDROLOGIC** a world reputation. The firm is considered as a reference in open canal level meters, operating on the **Bubble to Bubble principle**.

In 1999, the tacking over by a technical and commercial partner gives the signal of a new go-ahead. The company has, since, developed its position on its position on its two markets, **water resource and sewerage**, in France and abroad.

At the same time, the R&D departement engineers allow the development of **new apparatus** :

- > Intelligent water level meters still using the Bubble to Bubble principle; with the new functions and performances
- > Data acquisition unit compatible with the all existing or future sensors
- > Data collection and processing software

## LEVEL METER

### Buble to buble levelmeter HYDRO L1100

- Low consumption
- No electronic parts under water
- Serial SDI-12
- Measurement range : 0 to 20m



### Buble to buble levelmeter with memory HYDRO L1600

- Low consumption
- No electronic parts in water
- Serial SDI-12
- Measurement range : 0 to 60m
- Multi parameters
- Memorised data transmission/ networks alarm
- High gradient management



### Level meter + Datalogger HYDRO 2000

- 1 to 4 pressure picks
- High accuracy( 0.05%FS)
- High lenght of tube
- Measurement range : 0 to 100m
- 2 pressure sensors
- Integrated or external LCD



### Level scales

- Sloped plan / vertical plan
- Positive / negative
- Robust
- Corrosion resistant
- Stove enamelled and steel plated
- Legible



### HYDROLOGIC Services

- Studies
- Maintenance
- Installations
- Training
- Specific developments
- Into service



4 RUE DU TOUR DE L EAU  
38400 ST MARTIN D HERES

Tel : 00 33 (0)4 76 03 74 74 - Fax : 00 33 (0)4 76 42 40 70  
[co@hydrologic.fr](mailto:co@hydrologic.fr) - [www.hydrologic.fr](http://www.hydrologic.fr)