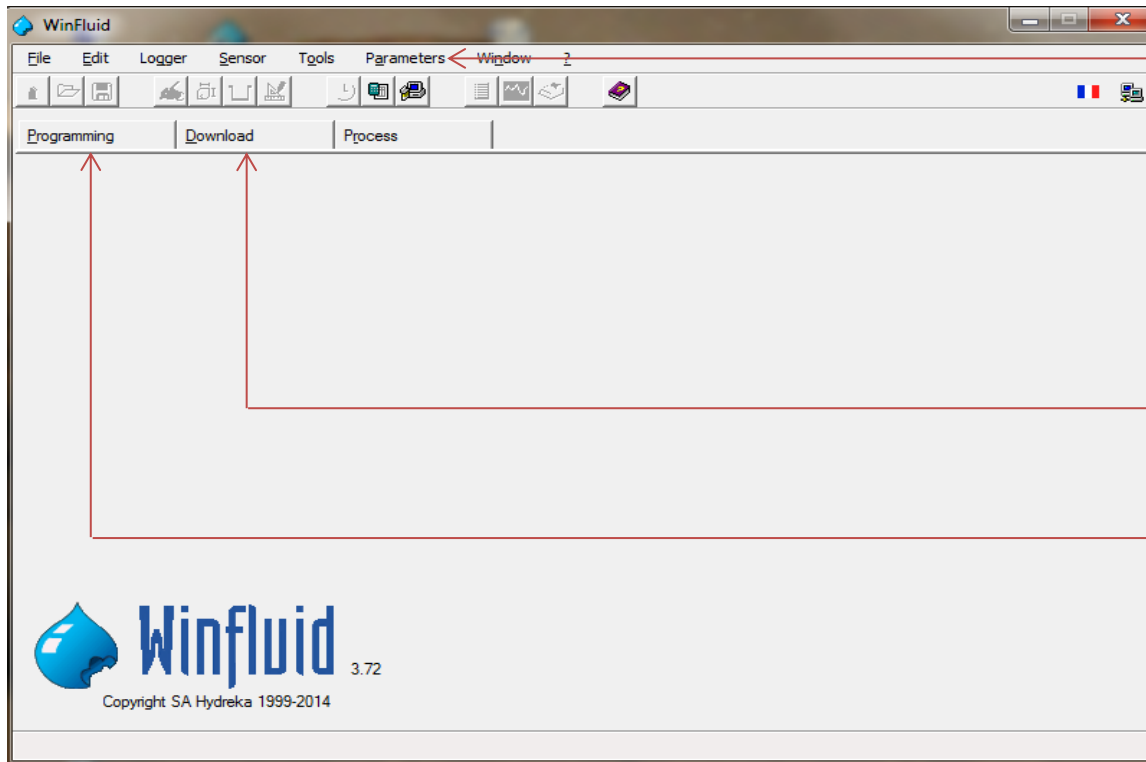




Winfluid: MAIN MENU



Winfluid parameters, connexion and logger type

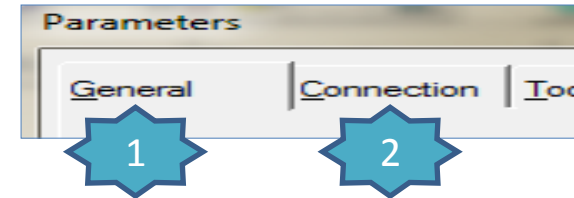
Access to download data recorded into the logger

Access to programm input/output channels





FIRST STEP: Winfluid and connection parameters



Click on :

Parameters

Then:

1 General

2 Connection

OK

Winfluid parameters

Check or set the local folder (database location)

Check local time

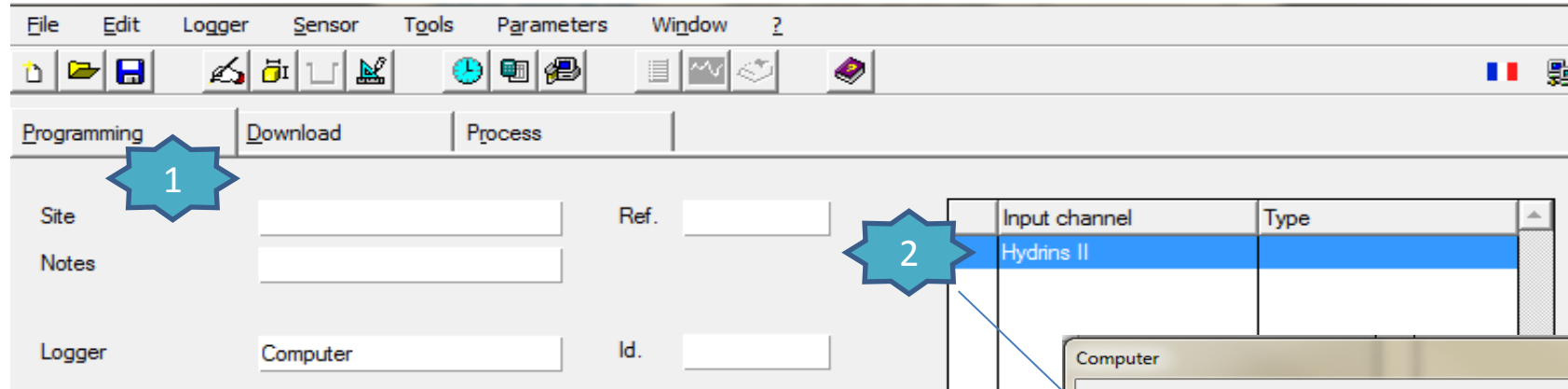
Logger Type: Choose "Computer"

Serial port: Select your serial port (Black color) *

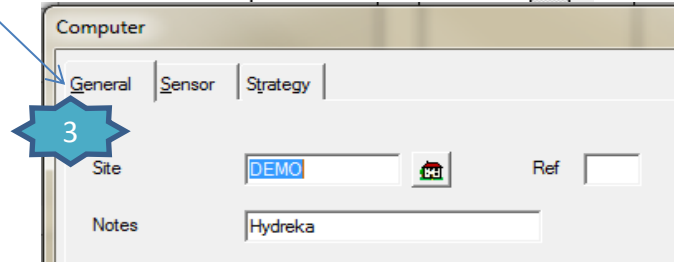
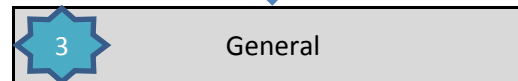
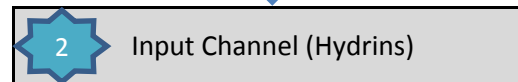
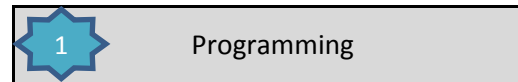
* To find your serial port nb, please check in "control panel / System / Material / Device Manager / Ports (COM & LPT)" to get it.



SECOND STEP: Create your configuration



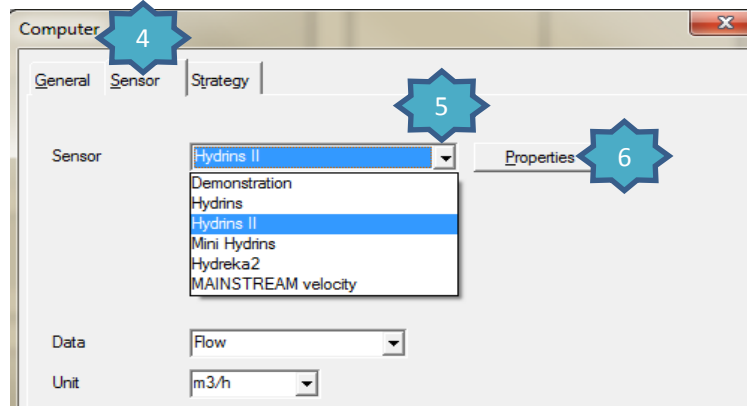
Click on:



Site name

Notes





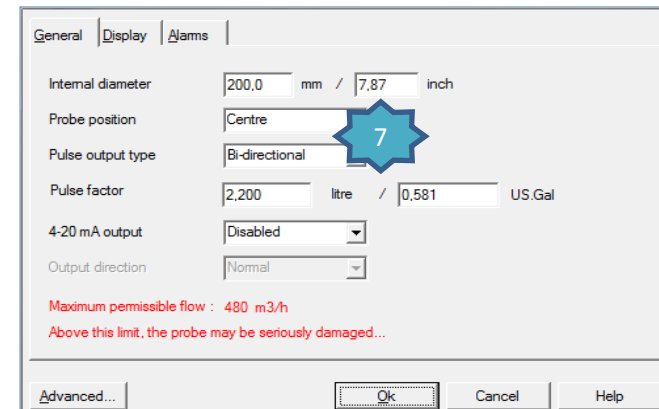
Then click on:

4 Sensor

5 Select the type of Hydrins

With Display C, select Hydrins 2 or Mini

6 After choosen, it opens automatically the Properties



Sensor Properties

Set:*The internal diameter**The probe position**The Pulse output type**The Pulse Factor**The 4-20mA Output***Pulse Output Type:**

o Unidirectional: Pulses when the flow is in the normal direction between Pins A and B of the probe and pulses in the reverse direction between Pins A and H of the probe

o Bi-directional: Pulses when the flow is in the normal direction and reverse between Pins A and B of the probe. Direction contact between Pins A and H.

Pulse factor:

If the Hydrins is connected to a SCADA system, please use the same pulse factor

Maximum Flow:

The window also displays a Maximum permissible flow. This maximum allowable flow rate is the flow rate to be observed to prevent any physical damage to the probe.

General | Display | Alarms

Internal diameter: 200.0 mm / 7.87 inch

Probe position: Centre

Pulse output type: Bi-directional

Pulse factor: 2.200 litre / 0.581 US Gal

4-20 mA output: Disabled

Output direction: Normal

If the 4-20mA Output is enabled, click on:

Advanced parameters

Conversion | Sampling | Calculation | 4-20 mA | Maintenance | Instrument

Number of samples: 2

Cycle time: 30 sec

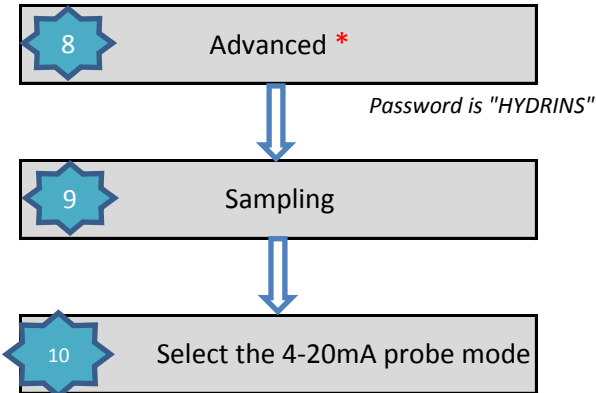
Sampling time: 1.0 sec

Battery life: 3 years

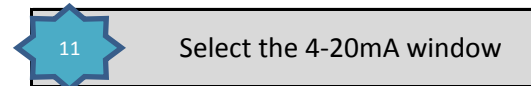
Self-contained probe

4-20 mA probe

Ok Cancel Help



Then click on 4-20mA



Advanced parameters

Conversion | Sampling | Calculation | 4-20 mA | Maintenance | Instrument

Data: Flow

Unit: m3/h

Forward output: 4.00 mA = 0.00 m3/h

20.00 mA = 396.00 m3/h

Reverse output: 4.00 mA = 0.00 m3/h

20.00 mA = 396.00 m3/h

Ok Cancel Help

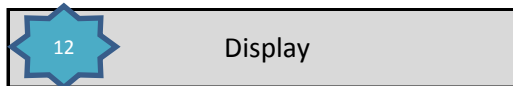
And set:

- ° The full scale (for forward and Reverse output), according to the the Scada settings
- ° The type of data expected

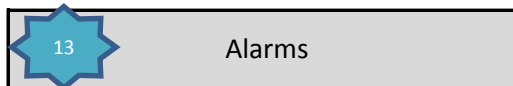
And click on: **OK**

Display and Alarms:

Click on:

*And set the information expected*

Then:

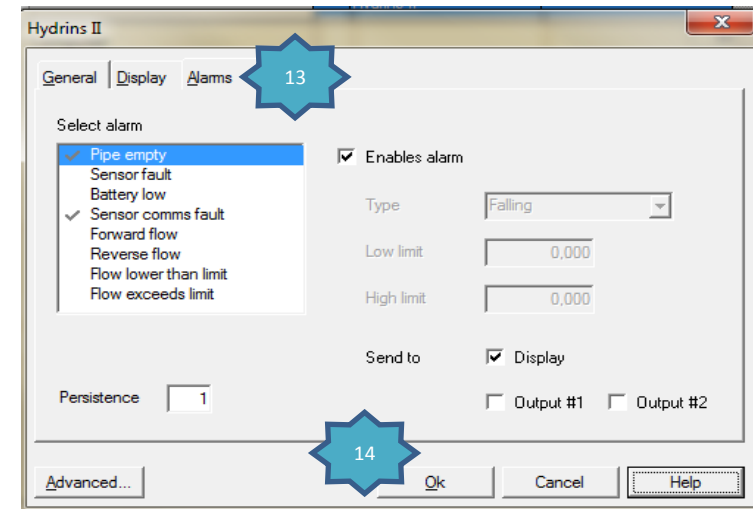
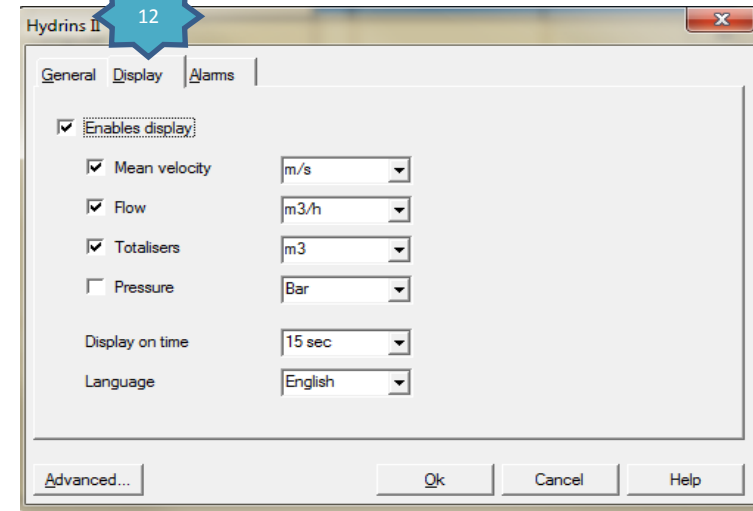
*And set the information expected*

And

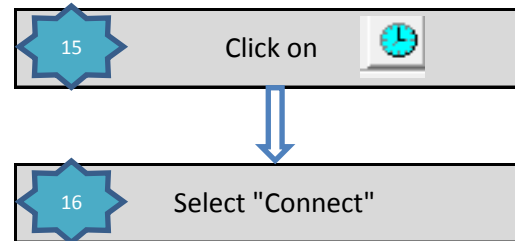
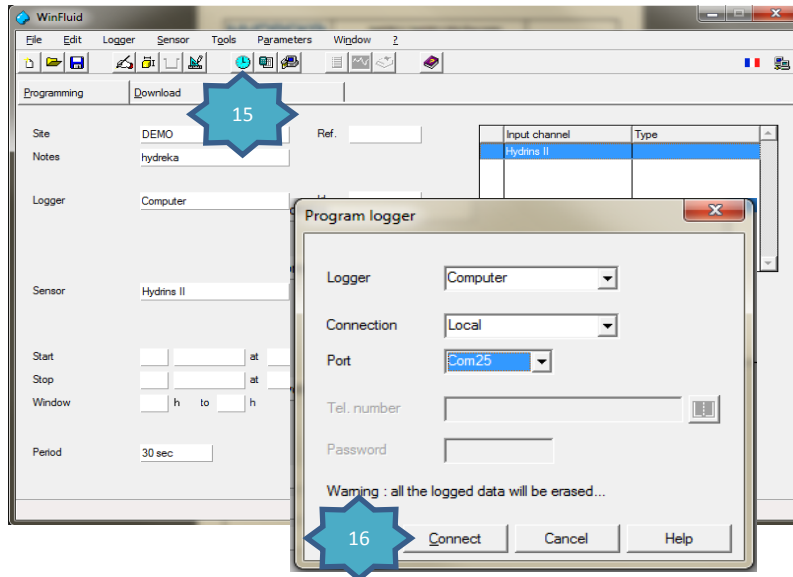


Click once again on OK to come back to
the main menu

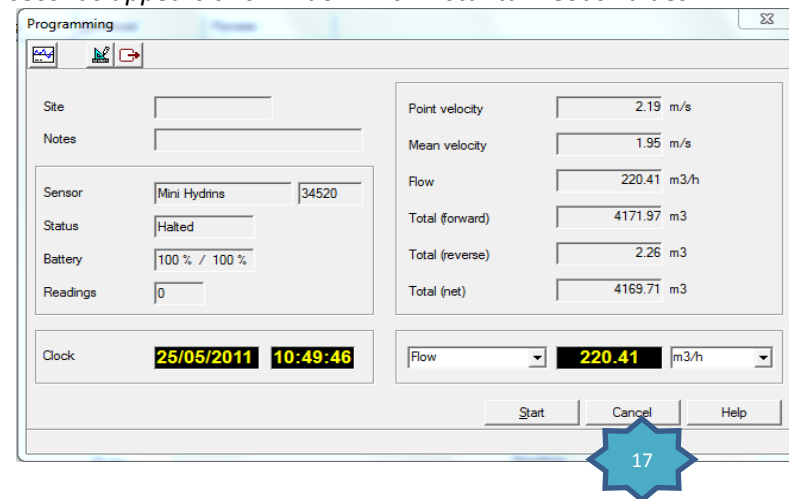
*For more information about the advanced mode, please refer to the page 20 to 25 of the complete user manual



THIRD STEP: Send the configuration to the display



After several seconds appears this window with instantanneous values:



17 Check the instantanneous values and click on **Cancel** to abord recording.



Trimestrial step control:



- * Clean the sensor
- * Check the cable route
- * Check the position of arrow



Calibration and control



- * Calibration of the Hydrins is recommended every 2 years.