



**CONTROS**  
Systems & Solutions GmbH



# FerryBox

by CONTROS in collaboration  
with 4H JENA engineering

FerryBox is an autonomous, low maintenance metrology system which has been developed especially for permanent deployment on ships, metrology platforms and river measurement points for long-term *in situ* monitoring of rivers, estuaries, coastal zones and open sea.

## ADVANTAGES

- Requires little space because of the compact form
- Easy to maintain because of the open design and the anti-fouling concept
- Flexible because of the by-passes and the use of standard components
- Pressure resistant
- This type of system can be used below the waterline
- Remote control is possible

## HOW IT WORKS

Due to its special architecture, the system is able to link a multitude of sensors and automatic analysis devices and even perform measurements in difficult media (such as sea water or bubbly water etc.). The modular flowthrough system combines high flexibility in the choice of sensor types and methods with a fully integrated anti-fouling concept and the possibility for automatic and remote controlled operation based on the "LabView" software technology.



MARKET LEADER IN DISSOLVED GAS MEASUREMENTS. MADE IN GERMANY.

**FerryBox**

## FAST FACTS

### ► FLOW-THROUGH UNIT WITH ALL NECESSARY HOUSEKEEPING SENSORS:

- Pressure
- Flowmeter for inlet and main flow
- pH Sensor
- Air bubble reducer

### ► POSSIBLE INTEGRATIONS:

- CO<sub>2</sub> FT
- Chlorophyll A
- Turbidity

### ► AUTOMATED AND INTEGRATED ANTI-FOULING AND CLEANING SYSTEMS CONSISTING OF:

- Freshwatercleaning
- Acid cleaning for special anti-fouling procedures (using dosing pump)

### ► FERRYBOX-PC AND INTERFACES:

- Industrial PC (customized),
- Keyboard
- Moxa 8x serial interfaces, USB Connector for Data transfer

### ► CONTROL AND DATA MANAGEMENT SOFTWARE:

- LabView based
- Graphical control interfaces
- Automatic cleaning cycles
- Position control via GPS
- Different types of telemetries (3G, GPRS, WLAN)
- Remote control and maintenance
- Alarm functions
- Event controlled actions
- All parameters are stored in separate ASCII files and can be edited using Excel. Selected variables can be summarized in one file.

## OPTIONS

- PocketFerryBox



## CONTACT US

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