### Specifications:

- **Paddlewheel**
  - **ST880/ST850**
    - **Features:**
      - Speed & Temperature
    - **Specifications:**
      - **Thru-Hull Housing Material:** Plastic, bronze, or stainless steel
      - **Supply Voltage:** 9 VDC to 16 VDC
      - **Temperature Sensor Accuracy:** ±0.5°C (±1.8°F)
      - **Pressure Rating:** 3 m (10')
      - **Speed Range:** 2 knots to 45 knots (2 MPH to 52 MPH)
      - **Data Update Rate:** once per second (NMEA2000)
      - **Data Update Rate:** up to 10 x per second
      - **Advanced filtering & sampling rates for increased accuracy at all speeds**
      - **Adapts automatically to boot speed, water depth and water clarity keeping speed accuracy consistent**

### Features:

- **Ultrasonic STU800/STU850**
  - **Features:**
    - Ultrasonic Speed & Temperature in one housing
    - Paddlewheel
  - **Specifications:**
    - **Correlation Speed Sensor Transmitting Frequency:** 4.5 MHz
    - **Correlation Pulse Repetition Frequency:** 0.5 kHz to 12 kHz (varies with speed)
    - **Speed Range:** 0.1 to 59 knots (1 MPH to 57 MPH)
    - **Water Temperature Range:** -4°C to 40°C (24.8°F to 104°F)
    - **Depth Range:** Minimum 0.6 m (2'), Maximum 60 m (197')
    - **Operating Temperature Range:** -15°C to 55°C (5°F to 131°F)
    - **Available Outputs:** NMEA2000®
    - **Supply Voltage—NMEA2000®:** 9 VDC to 16 VDC
    - **Supply Current:** 80 mA - 200 mA, Average 125 mA @12VDC
    - **Thru-Hull Housing Diameter:** 51 mm (2’)
    - **Thru-Hull Housing Diameter:** 51 mm (2’)
    - **Thru-Hull Housing Material:** Plastic (brass or stainless steel optional)
    - **CE Compliant:** Yes
    - **Retr of its into AIRMAR P120, B120 housings**
    - **Retr of its into AIRMAR P17, P17V housings**

### Specifications:

- **Ultrasonic UST800**
  - **Features:**
    - Ultrasonic Depth, Speed & Temperature in one housing
    - Paddlewheel
  - **Specifications:**
    - **Correlation Speed Sensor Transmitting Frequency:** 4.5 MHz
    - **Correlation Pulse Repetition Frequency:** 0.5 kHz to 12 kHz (varies with speed)
    - **Speed Range:** 0.1 to 59 knots (1 MPH to 57 MPH)
    - **Water Temperature Range:** -4°C to 40°C (24.8°F to 104°F)
    - **Depth Range:** Minimum 0.6 m (2'), Maximum 60 m (197')
    - **Operating Temperature Range:** -15°C to 55°C (5°F to 131°F)
    - **Available Outputs:** NMEA2000®
    - **Supply Voltage—NMEA2000®:** 9 VDC to 16 VDC
    - **Supply Current:** 80 mA - 200 mA, Average 125 mA @12VDC
    - **Thru-Hull Housing Diameter:** 51 mm (2’)
    - **Thru-Hull Housing Material:** Plastic (brass or stainless steel optional)
    - **CE Compliant:** Yes
    - **Retr of its into AIRMAR P120, B120 housings**
    - **Retr of its into AIRMAR P17, P17V housings**

### Features:

- **Electromagnetic DX900+ MultiLog Sensor**
  - **Features:**
    - Electromagnetic Speed Measurement with Depth & Temperature
    - Paddlewheel
  - **Specifications:**
    - **Data Update Rate:** once per second
    - **Speed Range Longitudinal Forward:** +/- 60 knots (+/- 69 MPH)
    - **Speed Range Transverse:** +/- knots
    - **Supply Voltage:** 9 VDC to 16 VDC
    - **Supply Current:** <170 mA
    - **Thru-Hull Housing Material:** Low-profile, plastic (stainless steel optional)
    - **Not compatible with bronze housings**
    - **CE Compliant:** Yes to IEC61976
    - **Speed/Temperature version also available in NMEA 0183 only**
    - **Retr of its into AIRMAR P617V**