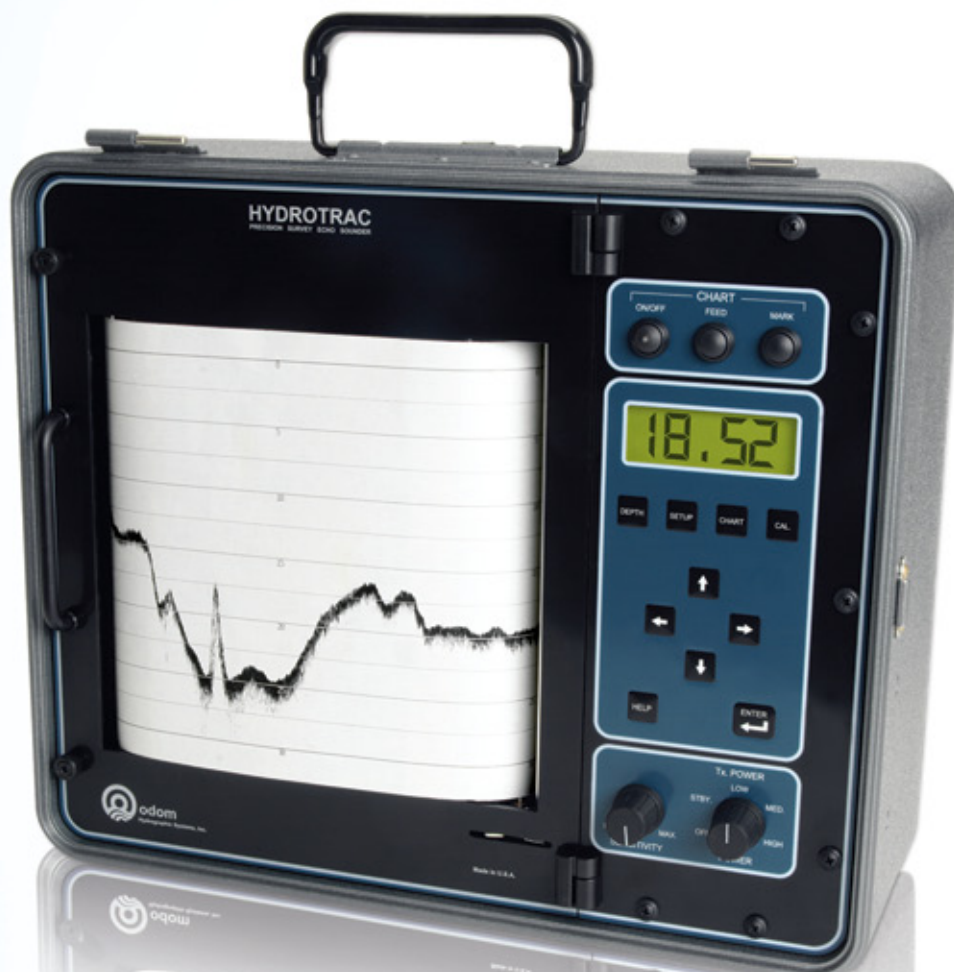


▶ HYDROTRAC™



SINGLE FREQUENCY PORTABLE HYDROGRAPHIC ECHO SOUNDER

- ▶ Ideal for small boats and harsh conditions
- ▶ Frequency agile
- ▶ High resolution thermal printer
- ▶ Internal DGPS (optional)
- ▶ Waterproof
- ▶ Flash upgradeable
- ▶ Side scan option

 **TELEDYNE**
ODOM HYDROGRAPHIC
A Teledyne Technologies Company

HYDROTRAC™

Specifically designed for work in less-than-ideal circumstances on small survey boats and inflatable watercraft, the Hydrotrac™ offers compact portability and the confidence of knowing you're using a proven Odom product. It is completely waterproof and comes equipped with the same advanced features you've come to trust and depend on in Odom echo sounders.

GENERAL SPECIFICATIONS

Frequency Agile

- Operator selectable – 24, 33, 40, 200, 210 and 340 kHz

Output Power

- 600 watts

Power Requirement

- 11-28 V DC (standard)

Resolution

- 0.1 ft / 0.01 m

Accuracy

- 200 kHz – 1 cm 0.1% of depth value (corrected for sound velocity)
- 33 kHz – 10 cm 0.1% of depth value (corrected for sound velocity)

Depth Range

- Max 600 m / 1968 ft

Environmental Operating Conditions:

- 0° – 50° C

Communication

- 2 RS232 or RS422 ports

Dimensions

- 368 mm (14.5 in) H x 419 mm (16.5 in) W x 203 mm (8 in) D

Weight

- Lightweight (25 lbs./11 kg)

Features

- 8.5 in/216 mm thermal printer (fax paper)
- Annotation printed on chart
- LCD display (1 inch high)
- Sealed keypad controls
- Manual/remote mark command
- Auto scale change (phasing)
- GPS input
- Heave input from motion sensor
- Auto pulse length, TVG
- Output: NMEA, ECHOTRAC, DESO 25, etc.
- Waterproof (with cover in place)
- Fix mark annotation: date, time, fix no., depth (and GPS if input)
- Flash memory upgradeable
- Built-in simulator
- Software included: Comlog
- Operation and installation manuals provided on CD

Controls

- Sensitivity
- Chart ON/OFF and advance
- Event mark (internal selectable timer)
- Transmit power (high/med/low)

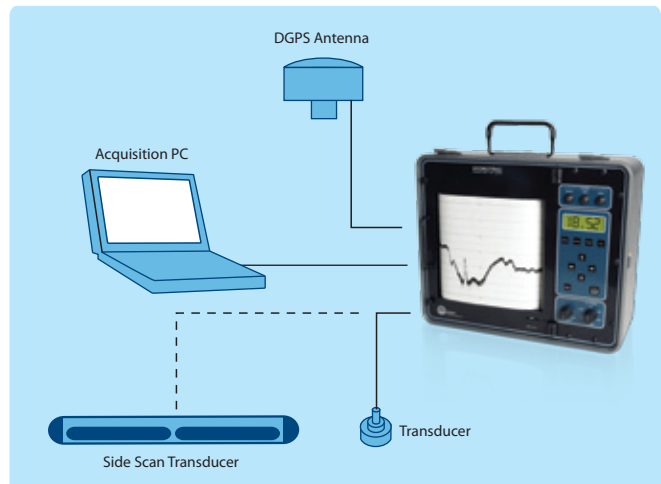
Touch Pad Settings

- Draft, velocity and tide inputs
- Time and date
- Scale width and center
- Blanking
- Calibration gate
- Alarm filter
- Fix interval
- Chart speed
- HELP function (prints on chart)
- Current parameters (prints on chart)

Options

- 200 kHz or 340 kHz side scan transducer
- Built-in DGPS
- Remote display

► CONFIGURATION EXAMPLE: HYDROTRAC



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► See our entire product line at: odomhydrographic.com