

PACS

Portable Acoustic Calibration System

IDEAL FOR UNLIMITED DEPTH AND HIGH-POWER APPLICATIONS

OVERVIEW

PACS is an easy-to-use system allowing the user to perform a variety of tests for sound source calibration. Due to its portability, PACS can be used from vessels of opportunity in various size bodies of water, or from in-house test tanks.

SYSTEM CAPABILITIES

- Transmit Voltage Response (TVR) of sound sources
- Transmitting Current Response (TCR) of sound sources
- Receive sensitivity of hydrophones
- Source level measurements
- Complex impedance/admittance curves

COMPONENTS

- Data Acquisition Unit (DAQ)
- Power amplifier
- Variable gain pre-amplifier
- GTI reference hydrophone
- Voltage and current monitors
- GTI Calibrate software
- Ruggedized laptop computer
- Rack mount

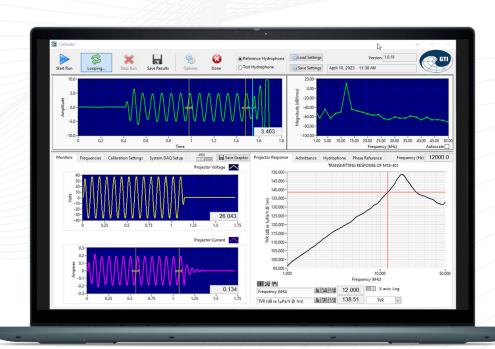
OPTIONAL ADD-ONS

- Step-up transformer
- Beam pattern package
- Underwater extension cables
- GTI Sound Projector
- Various customizable models
- PACS user training





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SPECIFICATIONS

Frequency Range	5 Hz – 200 kHz
Max. Drive Voltage	250 V (rms) *higher w/ available step-up transformer
Max. Drive Current	60 A (rms)
Max. Amplifier Power	4 kW
DAQ	16-bit, 2 MHz simultaneous sampling rate
Weight	56 kg
Size	76 cm x 59 cm x 36 cm

