



# 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

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| <ul style="list-style-type: none"><li>▪ Data Acquisition Unit [DAQ]</li><li>▪ Power amplifier</li><li>▪ Variable gain pre-amplifier</li><li>▪ GTI reference hydrophone</li><li>▪ Voltage and current monitors</li><li>▪ GTI Calibrate software</li><li>▪ Ruggedized laptop computer</li><li>▪ Rack mount</li></ul> | <h4>OPTIONAL ADD-ONS</h4> <ul style="list-style-type: none"><li>▪ Step-up transformer</li><li>▪ Beam pattern package</li><li>▪ Underwater extension cables</li><li>▪ GTI Sound Projector</li><li>▪ Various customizable models</li><li>▪ PACS user training</li></ul> |
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# PACS Portable Acoustic Calibration System



## 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



GEOSPECTRUM TECHNOLOGIES INC

geospectrum.ca | sales@geospectrum.ca

tel: +1 902.406.4111 | fax: +1 902.435.8987 | 10 Akerley Blvd, Unit 19 | Dartmouth, Nova Scotia | Canada | B3B 1J4