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Developer's Kit

SensComp's Developer's Kit provides the quickest solution for prototype and new product development.

Features

- Accurate Sonar Ranging from 2.5 cm to 15 meters (1 inch to 49 feet)
- Comes Complete with SensComp's Series 600, Series 7000, and Series 9000 Transducers.
- Operates from a Single Power Supply Source
- Operating Parameters Programmable with a PC
- Distance Measurements presented on LCD Display
- Accurate Pulse Width Output Signal Provided for External Use

Part No.

PID# 617810 – Developers Kit

Kit Contents

- 1 – Series 600 Environmental Grade Transducer
- 1 – Series 7000 Electrostatic Transducer
- 1 – Series 9000 Piezoelectric Transducer
- 1 – Microprocessor Controlled Circuit Board
- 1 – Configuration software Disk
- 1 – Ultrasonic Ranging System Manual

Specifications

Distance Range:	0.25 to 15 M (0.1 to 49 Ft)
Power Required:	
Voltage	10-30 VDC
Current	50 mA
Inputs/Outputs:	
RS232 I/O	to PC
Analog Output	0 to 5 VDC
Pulse Width Modulated Output	TTL Compatible
External Trigger Input	TTL Compatible



Description

The flexible **Developer's Kit** is our most complete kit and the quickest solution for new product development.

Included in the package is: one each of the 600 Series, 7000 Series and 9000 series transducers, an Intel 80C196 microprocessor, a four digit LCD display, PC compatible configuration software and a technical manual. No assembly is required.

The operating parameters of the kit are easily reprogrammed through the RS232 port. Menu driven configuration software allows you to quickly change the transmit frequency, pulse width, blanking time and amplifier gain. There are also a number of test points on the board to monitor critical performance criteria.

Distance ranging information is presented in the configuration software and on the LCD display in either Metric or English units.

The information gained from the use of this kit is helpful when designing a custom drive circuit for your application.