



## Model P704B General purpose power

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### Input characteristics

Voltage to transducer.....	27 VDC <sup>1</sup>
Current to transducer, ±20%.....	2.4 mA DC

### Output characteristics

Output impedance .....	same as
transducer Recommended load impedance .....	
.....	>100 k
Decoupling cap.....	22 μV, 35 VDC

### Transfer characteristics

Frequency Response.....	same as
transducer	

Battery test circuit..... >120 hours

### Power requirements

Batteries<sup>2</sup> ..... (3) 9V alkaline

### Environment

Temperature range ..... 0 to 55°C

### Physical characteristics

Size ..... 3" W x 2.4" H x 4" D

Weight ..... 0.84 lb.

#### Connectors:

signal input.....	BNC
signal output .....	BNC

Notes: <sup>1</sup> 25 VDC when using NiCad batteries.

<sup>2</sup> For extended operation the NC3 NiCad Battery Kit should be used (see accessories section).

Accessories supplied: (3) 9V alkaline batteries

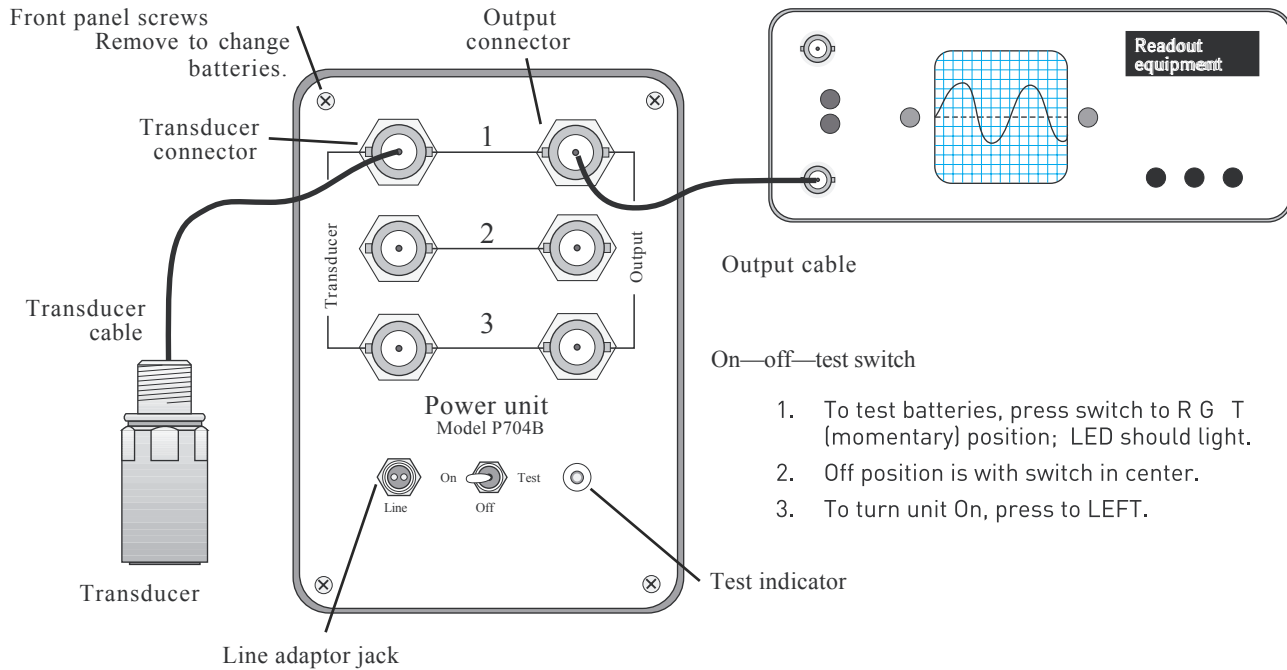
Accessories available: NC3 Ni-Cad battery kit; LA704B (110V) Line Adaptor; LA704B-220 (220V) Line Adaptor; BNC Series adaptors

#### Features

- Powers most 700 series accelerometers
- Battery powered (line adaptor optional)
- Portable and lightweight
- Battery condition light
- Uses readily available 9 VDC batteries

# Model P704B operating instructions

## Product features and connections



- On-off-test switch
1. To test batteries, press switch to R G T (momentary) position; LED should light.
  2. Off position is with switch in center.
  3. To turn unit On, press to LEFT.

Use LA704B line adaptor to power unit from line voltage without batteries installed or to charge NiCad batteries.

**CAUTION:** DO NOT ATTEMPT TO RECHARGE ALKALINE BATTERIES IN THE LA704B. Alkaline batteries may EXPLODE or leak corrosive fluids.

## Test for proper operation

To check the model P704B for proper operation:

Use a digital multimeter to verify that the proper voltage and current are available at the transducer connector.

Substitute an Oscillator for the transducer.

Follow the connection to the power unit as shown at right.

The unit should have unity gain.

