

Professional-grade instruments for field service

#### LT17A Specifications

| Function          | Ranges                       | Best Accuracy/<br>Best Resolution |
|-------------------|------------------------------|-----------------------------------|
| VAC               | 200m, 2000m, 20V, 200V, 600V | 1.2%rdg $\pm$ 4dgt/0.1m           |
| VDC               | 200m, 2000m, 20V, 200V, 600V | 0.5%rdg $\pm$ 1dgt/0.1m           |
| MFD               | 200, 2k, 20k                 | 4.0%rdg $\pm$ 10dgt/0.1           |
| AAC               | 200 $\mu$ , 20m, 200m        | 1.5%rdg $\pm$ 4dgt/0.1 $\mu$      |
| AAC (using clamp) | 400                          | 3.2% $\pm$ 5dgt/0.1               |
| ADC               | 200 $\mu$ , 20m, 200m        | 1.0%rdg $\pm$ 1dgt/0.1 $\mu$      |
| °F                | 200, 1400                    | 1.0°F (32°F to 140°F) $\pm$ 0.1   |
| Hz                | 10 to 40k                    | 0.1%rdg $\pm$ 3dgt/1              |
| Ohms              | 200, 2K, 200K, 20M           | 1%rdg $\pm$ 4dgt/0.1              |
| Continuity        | <100ohms                     | Beep                              |

\* System accuracy (LT17A meter + k-type thermocouple after field calibration)

CE certified, Cat III 600V

## LT17A

Digital Multimeter  
with 400AAC Clamp



Professional-grade  
instruments for field service

## LT17A

Digital Multimeter  
with 400AAC Clamp



### LT17A Biggest Bang for the Buck in HVAC/R

#### Connects to All Fieldpiece Accessory Heads

- Pull probe tips out and connect lead wires to accessory head.
- Deluxe vinyl leads included.

#### Temperature

- External pot for easy field calibration.
- Fast measurements with 0.1°F res.
- Plug thermocouple directly into meter. No adapter required.
- "Wrap-tab" thermocouple for tangle free storage.

#### Microamps

- For flame diode tests.

#### Capacitance

- Motor start/run to 20,000 MFD.

#### High AC Current

- Amp clamp included for 400AAC measurement at 0.1AAC resolution.

#### MIN/MAX Capture

- Record highest and lowest readings.

#### Magnetic Hanger

- Frees up one hand.

#### Backlight

- Easily read the LCD in the dark.

#### And More:

- 0.1 ohms resolution for motor windings.
- Auto off to extend battery life.
- Rubber boot for ruggedness.
- Two-pocket mailpouch-style case.
- Frequency for variable frequency drives.
- Continuity beeper.



### Remote Amps



### Attach Optional Fieldpiece Accessory Heads

Accessory heads measure contact temperature, superheat, O<sub>2</sub>, subcooling, %RH, wetbulb, dew point, dry bulb, air velocity, CO, microamps, vacuum, refrigerant pressure, and static pressure.



## LT17A

Digital Multimeter with  
400AAC Clamp

### Biggest Bang for the Buck in HVAC/R

- Made for HVAC/R applications.
  - ✓ Flame diode
  - ✓ Motor amp draw
  - ✓ Temperature
  - ✓ Motor capacitors
- Backlight.
- Thermocouples plug directly into meter.



Volts AC/DC, Amps AC/DC,  
Ohms, Continuity, MFD,  
Temperature, Frequency

### Velcro Stabilizing Strap

Use the included Velcro strap to stabilize the thermocouple against a pipe for accuracy.



### Works with All Optional Fieldpiece Thermocouples

Make your job easier by plugging wet bulb thermocouples, thermocouples with alligator clips for convenience, and pipe clamp thermocouples directly into the LT17A. No adapters to lose.



Professional-grade  
instruments for field service

Fieldpiece Instruments, Inc.

Phone: (714) 257-9060

Fax: (714) 257-9069

www.fieldpiece.com