

Microprocessor Calibrator Thermometer

✓ Source and Measure 8 thermocouple type devices J, K, T, E, C, R, S and N
With one model for multiple thermocouple types with precision output displayed as mV or °C/°F

Features:

- Upgraded model no feat re per large LCD di pla and to ch ke pad
- Basic acc rac of 0.15% of reading o er ide range
- Fi e tored calibration al e for fa t calibration
- High acc rac calibration f nction im late preci ion thermoco ple o tp t for e in calibrating thermometer , tran mitter , controller or recorder .
- 0.1/1.0 re ol tion for J, K, T and E T pe ; 1.0 for C, R, S and N T pe
- °C/°F itchable for increa ed er atilit
- Di pla o tp t in term of milli olt or temperat re ba ed on thermoco ple table
- 4 digit LCD di pla i ea to read ith thermoco ple t pe indication
- Uniq e handheld O ter ca e de ign feat re large digital di pla b ilt into "p- p" co er a tomaticall h t o hen clo ed
- Portable and r gged ind trial de ign for eld, plant or benchtop e
- Operate on alkaline batterie , rechargeable batterie or AC adaptor
- Standard Thermometer Calibration cable (terminated ith bminiat re connector on either ide) come tandard ith the meter. Optional Proce Calibration Cable i terminated ith pade l g for proce application
- Complete ith T pe K Thermoco ple Calibration Cable, Copper calibration cable, 9V NiCad rechargeable batter , neck strap, Uni er al AC adaptor/charger ith AU/EU/UK/US pl g , and ca e



Includes:

Type K Thermocouple Calibration Cable, Copper calibration cable, 9V NiCad rechargeable battery, neckstrap, Universal AC adaptor/ charger, and case

| Specifications | Ranges for Calibrate and Measure modes | | Accuracy |
|----------------------------|--|-----------------|---------------|
| Type J | -58 to 1830°F | (-50 to 1000°C) | 0.15% rdg ±1° |
| Type K | -58 to 2498°F | (-50 to 1370°C) | 0.15% rdg ±1° |
| Type T | -184 to 752°F | (-270 to 400°C) | 0.15% rdg ±1° |
| Type E | -58 to 1382°F | (-50 to 750°C) | 0.15% rdg ±1° |
| Type C | 32 to 4172°F | (0 to 2300°C) | 0.15% rdg ±1° |
| Type R | 32 to 3182°F | (0 to 1750°C) | 0.15% rdg ±1° |
| Type S | 32 to 3182°F | (0 to 1750°C) | 0.15% rdg ±1° |
| Type N | -58 to 2372°F | (-50 to 1300°C) | 0.15% rdg ±1° |
| Voltage | -5.00mV to +55.00mV | | 10µV ±1d |
| Resolution | 0.1° (up to 999.9) or 1° (over 999.9°) | | |
| Cold Junction Compensation | 0.03°C/°C (0.02°F/°F) | | |
| Input Impedance | 10 Mohm | | |
| Sampling Time | 4 times/second | | |
| Dims/Weight | 3.8 x 4.2 x 1.8" (96 x 108 x 45mm)/ 17oz | | |

Ordering Information:

433201Microprocessor Calibrator Thermometer (115V AC Adaptor)
433201-NIST433201 with NIST Certificate



airconcern

more info for Extech 433201

Phone: 01235 838 555

Email: cs@airconcern.co.uk

Web: www.airconcern.co.uk

Air Concern Ltd, Building 173 Curie Avenue Harvell Didcot, Oxfordshire