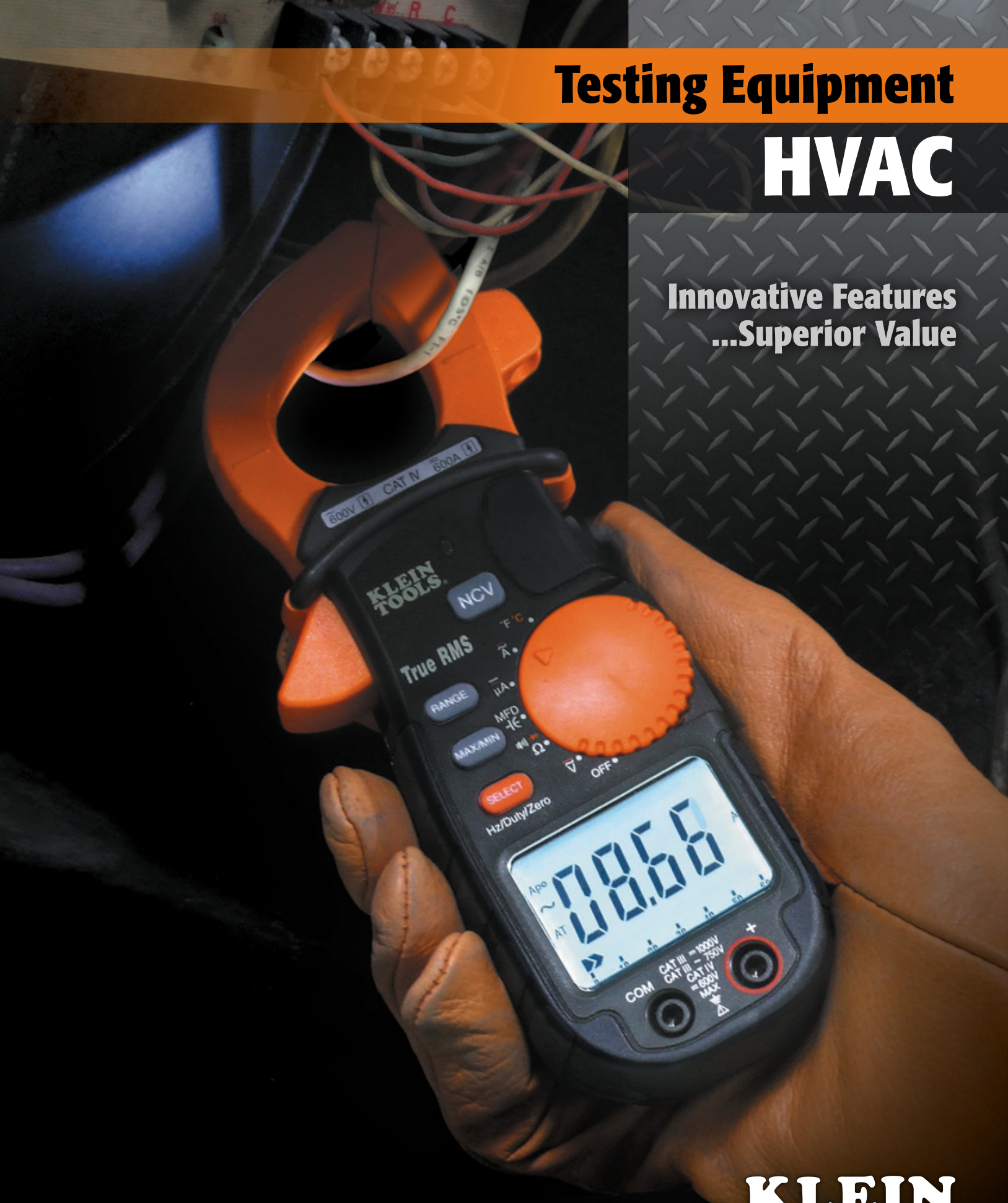
Testing Equipment

HVAC

Innovative Features ...Superior Value



PROFESSIONAL SERIES
HVAC TEST & MEASUREMENT

KLEIN TOOLS®

Digital Clamps w/ Temperature

CL 1300, CL 2300

CL 1300

600A AC
Clamp w/ Temperature

- Backlit Display & Worklight
- Magnetic Mount & Lead Storage
- Non-Contact Voltage Tester
- Analog Bar Graph
- Temperature

CL 2300

600A AC / DC
TRMS Clamp w/ Temperature

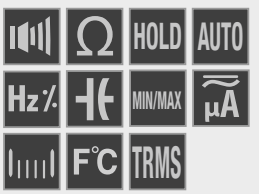
- True RMS
- Backlit Display & Worklight
- Magnetic Mount & Lead Storage
- Non-Contact Voltage Tester
- Analog Bar Graph
- Temperature

MEASUREMENT		CL1300	CL2300
A~	AC Current	600A	600A
A⎓	DC Current	no	600A
V~	AC Voltage	750V	750V
V⎓	DC Voltage	1000V	1000V
00.00	LCD Display	6000	6000
	Audible Continuity	●	●
Ω	Resistance Range	60MΩ	60MΩ
HOLD	Data Hold	●	●
AUTO	Auto Ranging	●	●
	Low Battery	●	●
Apo	Auto Power-Off	●	●
	Back Light	●	●
	Work/Clamp Light	●	●
Hz%	Frequency/Duty Cycle	●	●
Hz	Frequency Limit	499.9kHz	499.9kHz
	Capacitance	6000µF	6000µF
	Diode Test	●	●
NCV	Non Contact Voltage	●	●
MAX/MIN	Min/Max	●	●
	Magnetic Mount	●	●
	Lead Storage	●	●
µA~	Micro Amps	≥0.1µA	≥0.1µA
	Bar Graph	●	●
F°C	Temperature	●	●
TRMS	True RMS	no	●
	Safety Rating	CAT IV 600V	CAT IV 600V

Includes:

Test Leads | Thermocouple | Batteries

Carrying Pouch



CAT III 1000V
CAT IV 600V
c UL us LISTED

Digital Multimeters w/ Temperature

MM 1300, MM 2300

MM 1300

Electrician's / HVAC Multimeter

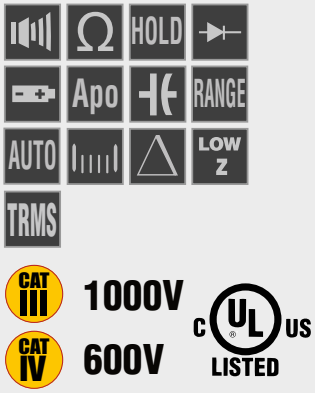
- Backlit Display
- Analog Bar Graph

MM 2300

Electrician's / HVAC TRMS Multimeter

- True RMS Measurements
- Backlit Display
- Analog Bar Graph

MEASUREMENT		MM1300	MM2300
V~	AC Voltage	1000V	1000V
V⎓	DC Voltage	1000V	1000V
A~	AC Current	10A	10A
A⎓	DC Current	10A	10A
00.00	LCD Display	6000	6000
	Audible Continuity	●	●
Ω	Resistance Range	60MΩ	60MΩ
AUTO/HOLD	Auto Hold	●	●
	Diode Test	●	●
	Low Battery	●	●
Apo	Auto Power-Off	●	●
	Back Light	●	●
µA	Micro Amps	≥0.1µA	≥0.1µA
	Capacitance	6000µF	6000µF
RANGE	Range Hold	●	●
AUTO	Auto Ranging	●	●
Hz	Frequency Limit	499.9kHz	499.9kHz
MAX/MIN	Min/Max	●	●
	Bar Graph	●	●
F°C	Temperature	-58 ~ 1832°F	-58 ~ 1832°F
Hz%	Frequency / Duty Cycle	●	●
Δ	Relative Reading	●	●
LOW Z	Low Impedance	no	●
TRMS	True RMS	no	●
	Safety Rating	CAT IV 600V	CAT IV 600V



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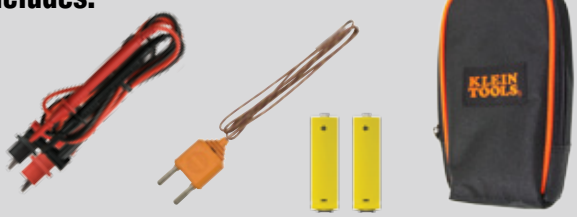


Test Leads | Thermocouple | Batteries | Carrying Pouch

Digital Temperature Loggers
DTL 302, DTL 304

DTL 302

Dual Input Temperature Logger

- IP67: Water Proof/Dust Resistant
- Differential T1-T2
- Data Logging
- 9,999 Memory Positions
- MIN, MAX, AVG & Hold

J-type	-346° to 2192°F
K-type	-328° to 2498°F
T-type	-418° to 752°F
E-type	-238° to 1832°F

FEATURES
J, K, T & E Thermocouple Types
Differential Temperature
Data Logging
9,999 Memory Positions
USB Interface (Software included)
Thermocouple Temperature Offset
MIN/MAX/Average/Hold
Backlit Display
Probe Storage
Boot w/ Stand & Magnetic Strap Mount
Compliance Rating IP67

DTL 304

Quad Input Temperature Logger

- IP67: Water Proof/Dust Resistant
- Differential T1-T2 & T3-T4
- Data Logging
- 9,999 Memory Positions
- MIN, MAX, AVG & Hold

F°C IP67 MIN/MAX AVG HOLD Apo

CE

Includes:

Thermocouples

Magnetic Hanger Strap

USB Power Adapter

Batteries

30:1 Infrared Thermometer

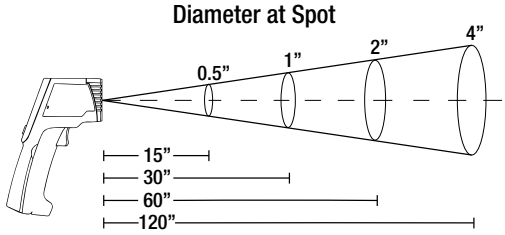
IR 3000

IR 3000

30:1 Infrared Thermometer
Dual Laser Targeting

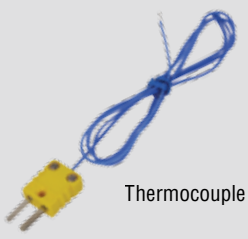
- Distance to Spot 30:1
- -76˚ ~ 1400˚F (-60 ~ 760˚C)
- K-Type thermocouple Input
- Dual Lasers allow you to see the actual target diameter

FEATURES		IR3000
Temperature Range	F˚C	-76 ~ 1400°F -60 ~ 760 °C
K-Type Thermocouple Range	F˚C	-83.2 ~ 2552°F -64 ~ 1400°C
Dual Laser Targeting		●
Emissivity		0.10~1.00
High/Low Alarms		●
Backlit Display	☼	●
Worklight		●
°F/°C Button		●
Max / Min / Average / Differential	MAX/MIN	●
Auto Shut Off / Seconds	Apo	60 sec



F˚C Apo
☼ MIN/MAX
CE

Includes:


Thermocouple

Protective Boot

Batteries

Carrying Pouch

HVAC

TESTING EQUIPMENT

Electronic Voltage Testers

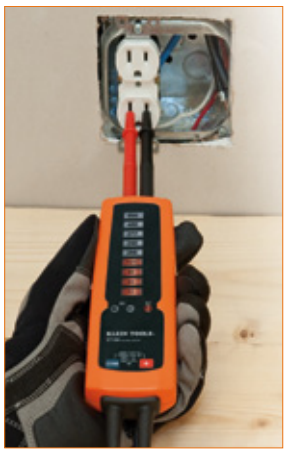
ET 100 & ET 200

Features:

- Measures AC and DC voltage at nine common levels up to 600V
- Bright LED's indicate voltage reading without batteries installed
- Low impedance input reduces possibility of ghost voltages
- Molded lead holders are perfect for easy measurments of tamper proof outlets

Additional features for the ET200

- Bright worklight to illuminate your work space
- Audible continuity at less than 270kHz

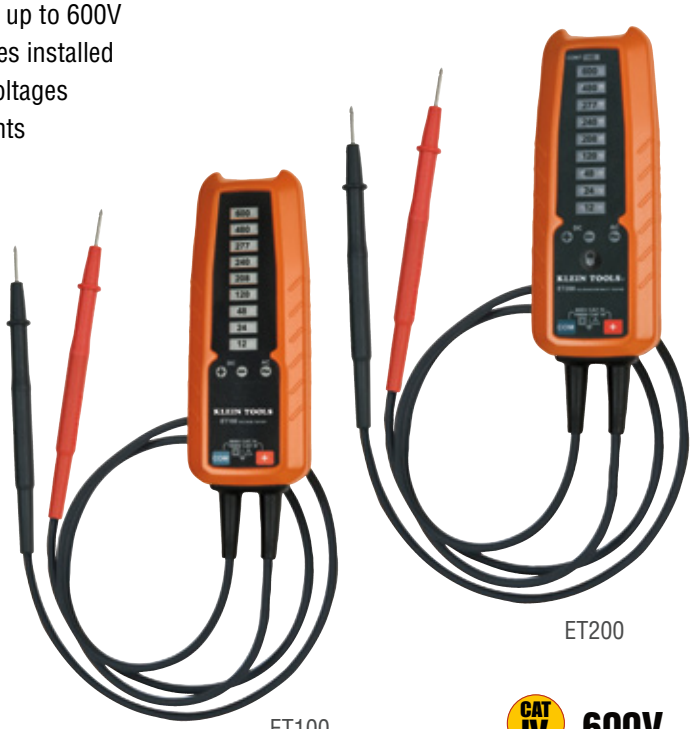


ET100

V LOW Z

ET200

V LOW Z



ET200

ET100

CAT IV **600V**

Non-Contact Voltage Testers

NCVT-1 & NCVT-2

Features:

- Non-Contact voltage detection of voltage in cables, cords, circuit breakers, light fixtures, switches, outlets and wires
- When voltage is detected, a high intensity, bright red LED illuminates and a warning tone sounds

Additional features for the NCVT-2

- Automatically detects both low and standard voltages

NCVT-1

NCVT-2

CAT IV **600V**

Dual Range

⚠**WARNING:** Read, understand, and follow all instructions, cautions and warnings attached to and/or packed with all Test and Measurement devices before each use.

KLEIN TOOLS®

See our complete line of Test and Measurement products at

www.kleintools.com

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