



# 30XR-A Digital Multimeter

Manual ranging digital multimeter with non-contact voltage tester.

- Non-contact voltage tester to 600 V AC
- Magne-Grip™ Holster with magnetic hanging strap
- 600 V AC/DC
- 10 Amps AC/DC, fully safety fused
- Resistance to 20 MΩ
- Continuity beeper
- 1.5 V / 9 V battery test under load
- Min/Max and Data Hold
- Separate door for easy battery and fuse access
- One-year warranty



30XR-A

## No hassle warranty

*No waiting.*

*No shipping charges.*



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)



## 30XR-A Digital Multimeter

## Data Sheet

### General Specifications

<b>Manual Ranging</b>	
Display:	3-1/2 digit LCD, 1999 counts
Display Update Rate:	2.5/sec, nominal
Power Battery:	9 V NEDA 1604, JIS 006P, IEC 6F22
Battery Life:	200 hrs typical (carbon-zinc)
Operating Temperature:	0 °C to 45 °C at < 70 % R.H.
Storage Temperature:	-20 °C to 60 °C, 0 to 80 % R.H. with battery removed from meter
Dimensions:	196 x 92 x 60 mm (7.7" x 3.5" x 2.4")
Weight:	426 gr (0.94 lb) without holster, including battery

### Specifications (at 23 °C ± 5 °C, <75 % R.H. non-condensing)

Function	Range	Accuracy
<b>DC Voltage</b>		
Ranges	200 mV, 2 V, 20 V, 200 V, 600 V	
Accuracy	all ranges:	± (1 % rdg + 1 dgt)
Resolution	100 µV	
Input Impedance	10 MΩ	
<b>AC Voltage (45 Hz to 500 Hz)</b>		
Ranges	200 mV, 2 V, 20 V, 200 V, 600 V	
Accuracy	all ranges:	± (1.5 % rdg + 4 dgts)
Resolution	100 µV	
Input Impedance	10 MΩ	
<b>DC Current</b>		
Ranges	200 µA, 2 mA, 20 mA, 200 mA, 10 A	
Accuracy	200 µA to 200 mA ranges:	± (1.5 % rdg + 1 dgt)
	10 A range:	± (2.0 % rdg + 3 dgts)
Resolution	0.1 µA	
Voltage Burden (Max)	200 µA range: 1 mV/µA 2 mA range: 100 mV/1mA 20 mA range: 13 mV/1 mA 200 mA range: 4.6 mV/1 mA 10A range: 40 mV/1 A	
<b>AC Current (45 Hz to 500 Hz)</b>		
Ranges	200 µA, 2 mA, 20 mA, 200 mA, 10 A	
Accuracy	200 µA to 200 mA ranges:	± (2.0 % rdg + 4 dgts)
	10A range:	± (2.5 % rdg + 4 dgts)
Resolution	0.1 µA	
Voltage Burden	See DC Current	
<b>Resistance</b>		
Ranges	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ, 20 MΩ	
Accuracy	200 Ω to 200 kΩ ranges: ± (1.0 % rdg + 4 dgts) 2 MΩ range: ± (1.5 % rdg + 4 dgts) 20 MΩ range: ± (2.0 % rdg + 5 dgts)	
Resolution	100 mΩ	
Open Circuit Voltage	200 Ω range: 3.0 V DC All other ranges: 0.3V DC typical	

## 30XR-A Digital Multimeter

## Data Sheet

Specifications (at 23 °C ± 5 °C, <75 % R.H. non-condensing), cont.

Function	Range	Accuracy
<b>Continuity</b>		
Audible Indication	75 Ω	± 25 Ω
Response Time	100 ms	
<b>Diode Test</b>		
Test Current	1.0 mA (approximate)	± (1.5 % rdg + 3 dgts)
Resolution	0.001 V	
Open Circuit Volts	3.0 V typical	
<b>Battery Test</b>		
Ranges	1.5 V, 9 V	± (3.5 % rdg + 2 dgts)
Resolution	1 mV, 10 mV	
Load Test Current	1.5 V range: 150 mA typical 9 V range: 5 mA typical	
<b>Non-Contact Voltage Detector (NCV)</b>		
AC Volts	70 to 600 V ac	
Red LED and Audible Indicator		
<b>Overload Protection</b>		
AC/DC Voltage 400 mV range:	600 V DC or 600 V AC RMS 15 sec	
All other ranges:	600 V DC or 600 V AC RMS	
AC/DC Current uA/mA input:	F 0.25 A / 600 V Min. I.R. 30 kA (6.3 x 32 mm) 10 A input F 10A / 600V, Min. I.R. 100 kA, (10 x 38 mm) (10 A for 4 minutes maximum followed by a 12 minute cooling period)	
Resistance	600 V DC or 600 V rms	
Continuity	600 V DC or 600 V AC RMS	
Diode Test	600 V DC or 600 V AC RMS	
Battery Test	600 V DC or 600 V AC RMS	



### Included Accessories

Test leads (TL36A), 9 V battery (installed),  
Magne-Grip™ Holster with magnetic hanging  
strap, spare fuse, users manual

### Optional Accessories

VC221B	Padded Vinyl Carry Case
DL248D	Deluxe Test Lead Kit
DC207C	Heavy Duty Case
HV231-10A	High Voltage Probe
TC253A	Temperature Adaptor
TP254A	High Temperature Probe

### Amprobe® Test Tools

website: [www.Amprobe.com](http://www.Amprobe.com)  
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### Amprobe® Test Tools Europe

In den Engematten 14  
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## 33XR-A Digital Multimeter

Manual ranging digital multimeter with temperature and capacitance for field service technicians.

- Frequency to 40 MHz, temperature to 1832 °F, capacitance to 4000  $\mu$ F
- Input warning tone when test leads are in wrong jack
- 1000 V/750 V DC/AC
- 10 Amps AC/DC, fully safety fused
- Resistance to 4 M $\Omega$
- Continuity beeper
- Min/Max, Relative, Peak and Data Hold
- Auto power off to save battery life
- Separate door for easy battery and fuse access
- Magne-Grip™ Holster with magnetic hanging strap
- One-year warranty



33XR-A

### No hassle warranty

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*No shipping charges.*



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(note: \$500 MSLP limit)



## 33XR-A Digital Multimeter

## Data Sheet

### General Specifications

<b>Manual Ranging</b>	
Display:	3-3/4 digit LCD, 3999 counts with 41-segment analog bar graph
Display Update Rate:	2/sec, nominal
Power Battery:	9 V NEDA 1604, JIS 006P, IEC 6F22
Battery Life:	300 hrs typical (alkaline)
Operating Temperature:	0 °C to 45 °C at < 70 % R.H.
Storage Temperature:	-20 °C to 60 °C, 0 to 80 % R.H. with battery removed from meter
Dimensions:	196 x 92 x 60 mm (7.7" x 3.5" x 2.3" )
Weight:	400 gr (0.9 lb) without holster, including battery

### Specifications (23 °C ± 5 °C, <75 % R.H. non-condensing)

Function	Range	Accuracy
<b>DC Voltage</b>		
Ranges	400 mV, 4 V, 40 V, 400 V, 1000 V	± (0.7 % rdg + 1 dgt)
Resolution	100 µV	
Input Impedance	10 MΩ	
<b>AC Voltage (45 Hz to 500 Hz)</b>		
Ranges	400 mV, 4 V, 40 V, 400 V, 750 V	
Accuracy	4 V Range: 200 Hz to 500 Hz	± (2.0 % rdg + 4 dgts)
	All other ranges	± (1.5 % rdg + 4 dgts)
Resolution	100 µV	
Input Impedance	10 MΩ	
<b>DC Current</b>		
Ranges	400 µA, 4 mA, 40 mA, 300 mA, 10 A	
Accuracy	400 µA to 300 mA ranges	± (1.0 % rdg + 1 dgt)
	10 A range	± (2.0 % rdg + 3 dgts)
Resolution	0.1 µA	
Voltage Burden	400 µA range: 1 mV/µA	
	4 mA range: 100 mV/1 mA	
	40 mA range: 12 mV/1 mA	
	300 mA range: 4 mV/1 mA	
	10 A range: 100 mV/1 A	
<b>AC Current (45 Hz to 500 Hz)</b>		
Ranges	400 µA, 4 mA, 40 mA, 300 mA, 10 A	
Accuracy	400 µA to 300 mA ranges	± (1.5 % rdg + 4 dgts)
	10 A range	± (2.5 % rdg + 4 dgts)
Resolution	0.1 µA	
Voltage Burden	See DC Current	
<b>Resistance</b>		
Ranges	400 Ω, 40 kΩ, 4 MΩ	
Accuracy	400 Ω and 40 kΩ ranges	± (1.0 % rdg + 4 dgts)
	4 MΩ range	± (1.2 % rdg + 4 dgts)
Resolution	100 mΩ	
Open Circuit Voltage	400 Ω range: 3.0 V DC	
	All other ranges: 0.5 V DC typical	



## 33XR-A Digital Multimeter

## Data Sheet

Specifications (23 °C ± 5 °C, <75 % R.H. non-condensing), cont.

Function	Range	Accuracy
<b>Capacitance</b>		
Ranges	4 µF, 40 µF, 400 µF, 4000 µF	
Accuracy	4 µF range	± (5.0 % rdg + 10 dgts)
	40 µF, 400 µF ranges	± (5.0 % rdg + 5 dgts)
	4000 µF range	± (5.0 % rdg + 15 dgts)
Resolution	0.1 µF	
Test Voltage	< 3.0 V	
Test Frequency	10 Hz	
Input Protection µA/mA input:	0.315 A/1000 V fast blow ceramic fuse 6.3 x 32 mm	
<b>Temperature</b>		
Ranges	-20 °C to 1000 °C, -4 °F to 1832 °F	
Accuracy	-20 °C to 10 °C	± (2.0 % rdg + 4 °C)
	10 °C to 200 °C	± (1.0 % rdg + 3 °C)
	200 °C to 1000 °C	± (3.0 % rdg + 2 °C)
	-4 °F to 50 °F	± (2.0 % rdg + 8 °F)
	50 °F to 400 °F	± (1.0 % rdg + 6 °F)
	400 °F to 1832 °F	± (3.0 % rdg + 4 °F)
Resolution	1 °C, 1 °F	
<b>Frequency (autoranging)</b>		
Ranges	4 kHz, 40 kHz, 400 kHz, 4 MHz, 40 MHz	± (0.1 % rdg + 3 dgts)
Resolution	1 Hz	
Sensitivity	10 Hz to 4 MHz: > 1.5 V AC RMS	
	4 MHz to 40 MHz: > 2 V AC RMS, < 5 V AC RMS	
Min Pulse Width	> 25 ns	
Duty Cycle Limits	> 30 % and < 70 %	
<b>Continuity</b>		
Audible Indication	< 35 Ω	
Response Time	100 ms	
<b>Diode Test</b>		
Test Current	1.0 mA (approximate)	± (1.5 % rdg + 3 dgts)
Resolution	1 mV	
Open Circuit Volts	3.0 V DC typical	
<b>Peak Hold</b>		
AC Volts Accuracy	40 V to 750 V	± (3.0 % rdg + 60 dgts)
AC Current Accuracy		± (3.0 % rdg + 60 dgts)
Response Time	> 1 ms	
<b>Overload Protection</b>		
AC/DC Voltage	400 mV range: 1000 V DC or 750 V AC RMS 15 sec All other ranges: 1000 V DC or 750 V AC RMS	
AC/DC Current	µA/mA input: 0.315 A /1000 V fast-blow ceramic (6.3 x 32 mm) 10 A input: 10 A /1000 V fast-blow ceramic (10 x 38 mm) (10 A for 4 minutes maximum followed by a 12 minute cooling period)	
Resistance	1000 V DC OR 750 V AC RMS	
Continuity	1000 V DC OR 750 V AC RMS	
Diode Test	1000 V DC OR 750 V AC RMS	
Capacitance	0.315 A /1000 V fast-blow ceramic (6.3 x 32 mm)	
Temperature	1000 V DC OR 750 V AC RMS	
Frequency	1000 V DC OR 750 V AC RMS	

## 33XR-A Digital Multimeter

## Data Sheet



### Included Accessories

Test leads with threaded alligator clips (TL36A), 9 V battery (installed), Magne-Grip™ Holster with magnetic hanging strap, temperature adapter (TA-1), Type K thermocouple probe (TP255A), spare fuse, users manual

### Optional Accessories

VC221B	Padded Vinyl Carry Case
DL248D	Deluxe Test Lead Kit
DC205C	Heavy Duty Case
HV231-10A	High Voltage Probe
TP254A	High Temperature Probe

### Amprobe® Test Tools

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## 34XR-A Digital Multimeter

True RMS digital multimeter with temperature and backlight for contractors and field service technicians.

- Frequency to 1 MHz, temperature to 1832 °F, capacitance to 4000  $\mu$ F
- Input warning tone when test leads are in wrong jack
- 1000 V/750 V DC/AC
- 10 Amps AC/DC, fully safety fused
- Resistance to 40 M $\Omega$
- Continuity beeper
- Min/Max, Data Hold and Range Lock
- Auto power off to save battery life
- Separate door for easy battery and fuse access
- Magne-Grip™ Holster with magnetic hanging strap
- Three-year warranty



34XR-A

### No hassle warranty

*No waiting.*

*No shipping  
charges.*



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(note: \$500 MSLP limit)



## 34XR-A Digital Multimeter

## Data Sheet

### General Specifications

<b>Autoranging</b>	
<b>Display</b>	3-3/4 digit LCD, 3999 counts with 41-segment analog bar graph
<b>Display Update Rate</b>	2/sec, nominal
<b>Power Battery</b>	9 V NEDA 1604, JIS 006P, IEC 6F22
<b>Battery Life</b>	200 hrs typical (alkaline) frequent use of backlight will decrease battery life
<b>Operating Temperature</b>	0 °C to 50 °C at < 70 % R.H.;
<b>Storage Temperature</b>	-20 °C to 60 °C, 0 to 80 % R.H. with battery removed from meter
<b>Dimensions</b>	196mm x 92mm x 60mm (7.75" x 3.55" x 2.4")
<b>Weight</b>	400 gr (1 lb) without holster, including battery

### Specifications

Function	Range	Accuracy
<b>DC Voltage</b>		
<b>Ranges</b>	400 mV, 4 V, 40 V, 400 V, 1000 V	± (0.5 % rdg + 1 dgt)
<b>Resolution</b>	100 µV	
<b>AC Voltage (45 Hz to 2 kHz) True RMS</b>		
<b>Ranges</b>	400 mV, 4 V, 40 V, 400 V, 750 V	
<b>Accuracy</b>	400 mV range, 45 to 100 Hz:	± (1.2 % rdg + 8 dgts)
	750 V range: 45 to 1 kHz:	± (2.0 % rdg + 8 dgts)
	All other ranges, 45 to 500 Hz:	± (1.2 % rdg + 8 dgts)
	All other ranges, 500 to 2 kHz:	± (2.0 % rdg + 8 dgts)
<b>Resolution</b>	100 µV	
AC coupled True RMS specified from 5 % to 100 % of range		
<b>DC Current</b>		
<b>Ranges</b>	400 µA, 4 mA, 40 mA, 300 mA, 10 A	
<b>Accuracy</b>	400 µA to 300 mA ranges:	± (1.0 % rdg + 1 dgt)
	10 A range:	± (2.0 % rdg + 3 dgts)
<b>Resolution</b>	0.1 µA	
<b>AC Current (45 Hz to 1 kHz) True RMS</b>		
<b>Ranges</b>	400 µA, 4 mA, 40 mA, 300 mA, 10 A	
<b>Accuracy</b>	400 µA to 300 mA ranges:	± (1.5 % rdg + 8 dgts)
	10 A range:	± (2.5 % rdg + 10 dgts)
<b>Resolution</b>	0.1 µA	
<b>Resistance</b>		
<b>Ranges</b>	400 Ω, 4 kΩ, 40 kΩ, 400 kΩ, 4 MΩ, 40 MΩ	
<b>Accuracy</b>	400, 4 k, 40 k, 400 k, 4 MΩ ranges:	± (1.0 % rdg + 4 dgts)
	40 MΩ range:	± (2.0 % rdg + 5 dgts)
<b>Resolution</b>	100 mΩ	
<b>Capacitance</b>		
<b>Ranges</b>	4 µF, 40 µF, 400 µF, 4000 µF	
<b>Accuracy</b>	4 µF range:	± (5.0 % rdg + 10 dgts)
	40 µF, 400 µF ranges:	± (5.0 % rdg + 5 dgts)
	4000 µF range:	± (5.0 % rdg + 15 dgts)
<b>Resolution</b>	1 nF	

Specifications, cont.

Function	Range	Accuracy
<b>Temperature</b>		
Ranges	-20 °C to 1000 °C, -4 °F to 1832 °F	
Accuracy	-20 °C to 10 °C:	± (2.0 % rdg + 4 °C)
	10 °C to 200 °C:	± (1.0 % rdg + 3 °C)
	200 °C to 1000 °C:	± (3.0 % rdg + 2 °C)
	-4 °F to 50 °F:	± (2.0 % rdg + 8 °F)
	50 °F to 400 °F:	± (1.0 % rdg + 6 °F)
	400 °F to 1832 °F:	± (3.0 % rdg + 4 °F)
Resolution	1 °C, 1 °F	
<b>Frequency</b>		
Ranges	4 kHz, 40 kHz, 400 kHz, 1 MHz	
Resolution	1 Hz	
<b>Duty Cycle</b>		
Ranges	0 to 90 %	
Accuracy	5 V logic:	± (2.0 % rdg + 5 dgts)
Frequency Range	40 Hz to 20 kHz	
<b>Continuity</b>		
Audible Indication	< 35 Ω	
<b>Diode Test</b>		
Test Current	1.2 mA (approximate)	
Open Circuit Volts	3.0 V DC typical	
<b>Overload Protection</b>		
AC/DC Voltage	All ranges 1000 V DC or 750 V AC RMS	
AC/DC Current	μA/mA input: 0.315 A /1000 V fast-blow ceramic (6.3 x 32 mm)	
	10 A input: 10 A /1000 V fast-blow ceramic 10 x 38 mm	
	(10 A for 4 minutes maximum followed by a 12 minute cooling period)	

## 34XR-A Digital Multimeter

## Data Sheet



### Included Accessories

Test leads with threaded alligator clips (TL36A), 9 V battery (installed), Magne-Grip™ Holster with magnetic hanging strap, Temperature adapter (TA-1), Type K thermocouple probe (TP255A), spare fuse, users manual

### Optional Accessories

VC221B	Padded Vinyl Carry Case
DL248D	Deluxe Test Lead Kit
DC205C	Heavy Duty Case
HV231-10A	High Voltage Probe
TP254A	High Temperature Probe

### Amprobe® Test Tools

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## 37XR-A True RMS Digital Multimeter

True RMS digital multimeter with component and logic test for troubleshooting electronics at the bench or on the job site.

- Inductance to 40 H, frequency to 40 MHz, capacitance to 400  $\mu$ F, logic to 20 MHz
- Input warning tone when test leads are in wrong jack
- 10,000 count, 0.1 % accuracy
- 1000 V/750 V DC/AC True RMS
- 10 Amps AC/DC, fully safety fused
- Resistance to 40 M $\Omega$
- Continuity beeper
- Min/Max, Average, Relative, Peak, and Data Hold
- Auto power off to save battery life
- Separate door for easy battery and fuse access
- Magne-Grip™ Holster with magnetic hanging strap
- CAT III 600 V, CAT II 1000 V rated
- UL (cULus) listed
- Three-year warranty

### No hassle warranty

*No waiting.*

*No shipping charges.*



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(note: \$500 MSLP limit)



N10140



## 37XR-A Digital Multimeter

### General Specifications

Autoranging;	
Display:	4-3/4 digit LCD, 10,000 counts with 41-segment analog bar graph
Display Update Rate:	2/sec, nominal; Power Battery: 9 V NEDA 1604, JIS 006P, IEC 6F22
Battery Life:	150 hrs typical (alkaline) frequent use of backlight will decrease battery life
Operating Temperature:	0 °C to 45 °C at < 70 % R.H.
Storage Temperature:	-20 °C to 60 °C, 0 to 80 % R.H. with battery removed from meter;
Temperature Coefficient:	0.1 x (specified accuracy) per °C ( 0 °C to 18 °C , 28 °C to 45 °C)
Altitude:	2000 m (6562 ft)
Dimensions:	195 x 92 x 60 mm (7.75" x 3.55" x 2.4")
Weight:	400 gr (1 lb) without holster, including battery

### Specifications (23 °C ± 5 °C, <75 % R.H. non-condensing)

Function	Range	Accuracy
<b>DC Voltage</b>		
Ranges	1000 mV, 10 V, 100 V, 1000 V	± (0.1 % rdg + 5 dgt)
Resolution	100 µV	
<b>AC Voltage (45 Hz to 2 kHz) True RMS</b>		
Ranges	1000 mV, 10 V, 100 V, 750 V	
	750 V range: 45 to 1 kHz:	± (2.0 % rdg + 10 dgts)
	All other ranges, 45 to 500 Hz:	± (1.2 % rdg + 10 dgts)
	All other ranges, 500 to 2 kHz:	± (2.0 % rdg + 10 dgts)
Resolution	100 µV	
AC coupled True RMS specified from 5 % to 100 % of range		
<b>DC Current</b>		
Ranges	100 µA, 1000 µA, 10 mA, 100 mA, 400 mA, 10 A	
	100 µA range:	± (0.5 % rdg + 10 dgt)
	1000 µA to 400 mA ranges:	± (0.5 % rdg + 5 dgts)
	10 A range:	± (1.5 % rdg + 10 dgt)
Resolution	0.01 µA	
<b>AC Current (45 Hz to 1 kHz) True RMS</b>		
Ranges	100 µA, 1000 µA, 10 mA, 100 mA, 400 mA, 10 A	
	100 µA to 100 mA ranges:	± (1.5 % rdg + 10 dgts)
	400 mA range:	± (2.0 % rdg + 10 dgts)
	10 A range:	± (2.5 % rdg + 10 dgts)
Resolution	0.01 µA	
AC coupled True RMS specified from 5 % to 100 % of range		
<b>Resistance</b>		
Ranges	1000 Ω, 10 kΩ, 100 kΩ, 1000 kΩ, 10 MΩ, 40 MΩ	
	1000 Ω to 1000 kΩ ranges:	± (0.5 % rdg + 8 dgts)
	10 MΩ range:	± (1.0 % rdg + 10 dgts)
	40 MΩ range:	± (2.0 % rdg + 10 dgts)
<b>Capacitance</b>		
Ranges	40 nF, 400 nF, 4 µF, 40 µF, 400 µF	
	40 nF, 400 µF ranges:	± (3.0 % rdg + 10 dgts)
	400 nF to 40 µF ranges:	± (3.0 % rdg + 5 dgts)
Resolution	0.01 nF	

Function	Range	Accuracy
<b>Inductance</b>		
Ranges	4 mH, 40 mH, 400 mH, 4 H, 40 H	
	For values of Q ≥ 7:	± (5.0 % rdg + 30 dgts)
Resolution	1 µH	
<b>Frequency</b>		
Ranges	100 Hz, 1000 Hz, 10 kHz, 100 kHz, 1000 kHz, 10 MHz	± (0.1 % rdg + 5 dgts)
Resolution	0.01 Hz	
<b>Duty Cycle</b>		
Ranges	0 to 90 %	
Accuracy	5V logic:	± (2.0 % rdg + 20 dgts)
Resolution	0.01 %	
Frequency Range	0 % to 10 %: 40 Hz to 990 kHz 10 % to 90 %: 40 Hz to 20 kHz	
<b>Logic Test</b>		
Logic Type	TTL, CMOS	
Thresholds	Logic 1 (Hi): TTL 2.8 V ± 0.8 V, CMOS 4 V ± 1 V Logic 0 (Lo): TTL 0.8 V ± 0.5 V, CMOS 2 V ± 0.5 V	
Frequency Response	20 MHz	
<b>dBm</b>		
Ranges	-13 dBm to + 50 dBm	
	45 Hz to 5 kHz:	± (0.7 dB + 8 dgts)
	5 kHz to 10 kHz:	± (2.5 dB + 8 dgts)
Resolution	0.01 dBm	
<b>Continuity</b>		
Audible Indication	< 40 Ω	
<b>Diode Test</b>		
Test Current	1.0 mA (approximate)	
Open Circuit Volts	3.0 V dc typical	
<b>Peak</b>		
AC Volts Accuracy	100 V, 750 V ranges:	± (3.0 % + 200 dgts)
	1000 mV, 10 V ranges:	unspecified
AC Current		± (3.0 % + 200 dgts)
	100 µA range:	unspecified
<b>Overload Protection</b>		
AC/DC Voltage	All ranges: 1000 V dc or 750 V ac rms	
AC/DC Current	µA/mA input: F0.5 A/1000 V fast-blow ceramic (6.3 x 32 mm) 10 A input: F10 A/1000 V fast-blow ceramic (10 x 38 mm) (10 A for 4 minutes maximum followed by a 12 minute cooling period)	

## 37XR-A Digital Multimeter

## Data Sheet

### Included Accessories

Test leads with threaded alligator clips (TL36A), 9 V battery (installed), Magne-Grip™ Holster with magnetic hanging strap (H2-XRA), spare fuse, operators manual

### Optional Accessories

VC221B Padded Vinyl Carry Case  
DL248D Deluxe Test Lead Kit  
DC205C Heavy Duty Case  
HV231-10A High Voltage Probe  
TP254A High Temperature Probe

### Amprobe® Test Tools

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