



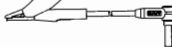








Typenumber								
VPS210-R	10:1 Voltage Probe Set, 1.2 m, 200 MHz, red	●						
VPS210-G	10:1 Voltage Probe Set, 1.2 m, 200 MHz, grey	○						
VPS212-R	10:1 Voltage Probe Set, 2.5 m, 200 MHz, red	○						
VPS212-G	10:1 Voltage Probe Set, 2.5 m, 200 MHz, grey		○					
VPS220-R	100:1 Voltage Probe Set, 1.2 m, 200 MHz, red	○						
VPS220-G	100:1 Voltage Probe Set, 1.2 m, 200 MHz, grey		○					
VPS101	1:1 Voltage Probe Set, 1.2 m, 30 MHz, black				○			
RS200	Replacement Set, red + grey					○		
AS200-R	Accessory Set, red						○	
AS200-G	Accessory Set, grey							○
HC200	Replacement Hook Clip Set, red + grey							
Contents		▼						
	Voltage Probe	1 red	1 grey	1 black				
	Hook Clip for Probe Tip	1 red	1 grey	1 red	2 red 1 grey			2 red 2 grey
	4 mm Test Probe for Probe Tip	1 red	1 grey	1 red	1 red 1 grey			
	Ground Lead with Hook Clip	1 red	1 grey	1 red	1 red 1 grey			
	Ground Lead with Mini Alligator Clip	1 black	1 black	1 black	2 black			
	Ground Spring for Probe Tip	1 black	1 black	1 black	5 black			
	Industrial Alligator for Probe Tip					1 red	1 grey	
	Industrial Alligator for Banana Plug					1 red	1 grey	
	2 mm Test Probe for Probe Tip					1 red	1 grey	
	2 mm Test Probe for Banana Plug					1 red	1 grey	
	Ground Lead with 4 mm Banana Plug					1 black	1 black	

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## VPS210-R (red) 10:1 Voltage Probe Set, 200 MHz

- 600 V CAT III / 1000 V CAT II rated
- 10:1 Voltage Probe1 red
  - Hook Clip for Probe Tip1 red
  - 4 mm Test Probe for Probe Tip1 red
  - Ground Lead with Hook Clip1 red
  - Ground Lead with Mini Alligator Clip1 black

- 30 V CAT II rated
- Ground Spring for Probe Tip1 black

Specification

Attenuation:

Bandwidth:

Max Input Voltage:

Max Voltage to ground:

Input Resistance:

Input Capacitance:

Compensation range:

Cable Length:

Altitude:

Safety:

10x

200 MHz

600 V CAT III / 1000 V CAT II  
(See Figure 1 on rear)

600 V CAT III / 1000 V CAT II  
(See Figure 2 on rear)

10 MΩ

12 pF

10...22 pF

1.2 m

3000 m


UL 61010 B-2-031  
CSA C22.2 No. 1010.2.031  
IEC / EN 61010-031

Working Voltage:

Pollution Degree:

Protection Class:

II (double insulation)












 Specification of probes valid when used  
with Fluke 190 series ScopeMeters.



Instrument  
Accessory  
(E175157)



Please Recycle

Typenumber								
VPS210-R	10:1 Voltage Probe Set, 1.2 m, 200 MHz, red	○						
VPS210-G	10:1 Voltage Probe Set, 1.2 m, 200 MHz, grey		●					
VPS212-R	10:1 Voltage Probe Set, 2.5 m, 200 MHz, red	○						
VPS212-G	10:1 Voltage Probe Set, 2.5 m, 200 MHz, grey		○					
VPS220-R	100:1 Voltage Probe Set, 1.2 m, 200 MHz, red	○						
VPS220-G	100:1 Voltage Probe Set, 1.2 m, 200 MHz, grey		○					
VPS101	1:1 Voltage Probe Set, 1.2 m, 30 MHz, black				○			
RS200	Replacement Set, red + grey					○		
AS200-R	Accessory Set, red						○	
AS200-G	Accessory Set, grey							○
HC200	Replacement Hook Clip Set, red + grey							○
Contents			▼					
	Voltage Probe	1 red	1 grey	1 black				
	Hook Clip for Probe Tip	1 red	1 grey	1 red	2 red 1 grey			2 red 2 grey
	4 mm Test Probe for Probe Tip	1 red	1 grey	1 red	1 red 1 grey			
	Ground Lead with Hook Clip	1 red	1 grey	1 red	1 red 1 grey			
	Ground Lead with Mini Alligator Clip	1 black	1 black	1 black	2 black			
	Ground Spring for Probe Tip	1 black	1 black	1 black	5 black			
	Industrial Alligator for Probe Tip					1 red	1 grey	
	Industrial Alligator for Banana Plug					1 red	1 grey	
	2 mm Test Probe for Probe Tip					1 red	1 grey	
	2 mm Test Probe for Banana Plug					1 red	1 grey	
	Ground Lead with 4 mm Banana Plug					1 black	1 black	

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## VPS210-G (grey) 10:1 Voltage Probe Set, 200 MHz

- 600 V CAT III / 1000 V CAT II rated
- 10:1 Voltage Probe1 grey
  - Hook Clip for Probe Tip1 grey
  - 4 mm Test Probe for Probe Tip1 grey
  - Ground Lead with Hook Clip1 grey
  - Ground Lead with Mini Alligator Clip1 black

- 30 V CAT II rated
- Ground Spring for Probe Tip1 black

Specification

Attenuation:

Bandwidth:

Max Input Voltage:

Max Voltage to ground:

Input Resistance:

Input Capacitance:

Compensation range:

Cable Length:

Altitude:

Safety:

10x

200 MHz

600 V CAT III / 1000 V CAT II  
(See Figure 1 on rear)

600 V CAT III / 1000 V CAT II  
(See Figure 2 on rear)

10 MΩ

12 pF

10...22 pF

1.2 m

3000 m


UL 61010 B-2-031  
CSA C22.2 No. 1010.2.031  
IEC / EN 61010-031

Working Voltage:

Pollution Degree:

Protection Class:

II (double insulation)

 Specification of probes valid when used  
with Fluke 190 series ScopeMeters.



Instrument  
Accessory  
(E175157)



Please Recycle

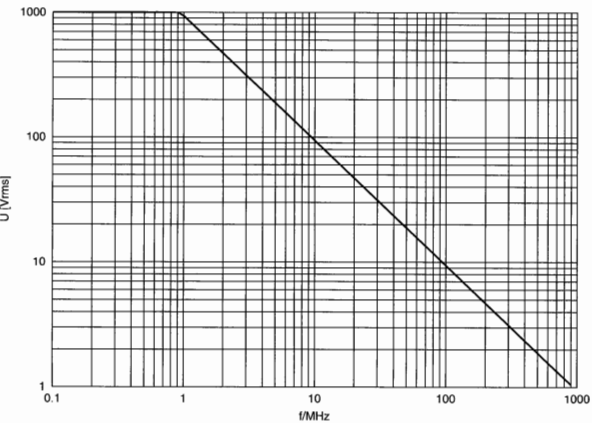
VPS210-R:

Max Input Voltage



Figure 1

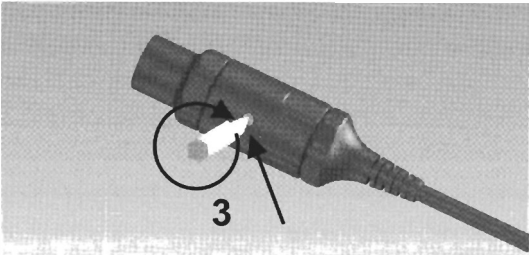
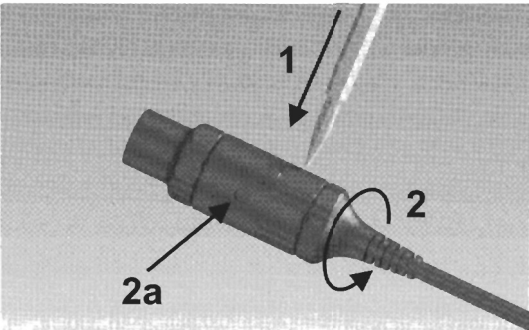
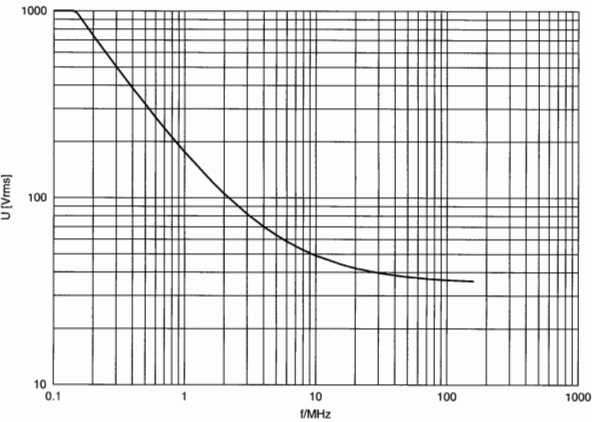
Frequency vs Input Voltage Derating Curve  
(probe tip to probe common)



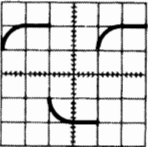
Max Voltage to ground

Figure 2

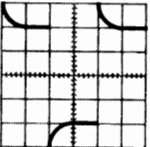
Safe Handling Derating Curve  
(probe common to earth ground)



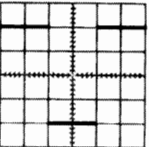
3a



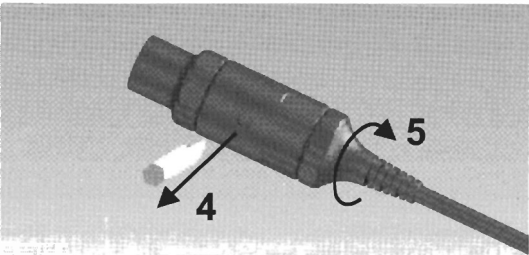
Under compensated



Over compensated



Correctly compensated



Compensation

1. Unlock the protective sleeve.
2. Turn the protective sleeve until the adjustment screw (2a) is accessible through the opening.
3. Adjust the compensation with the adjustment pin (3a).



For an accurate indication of the measuring signal, it is necessary to adjust the capacity of the probe to the input capacity of the oscilloscope. For this purpose the probe has an adjustment screw. Connect the probe to the oscilloscope and the tip to the reference calibration signal of the oscilloscope. Turn the adjustment screw until the oscilloscope shows an exact square wave.

4. Pull out the adjustment pin.
5. Turn the protective sleeve until it engages.

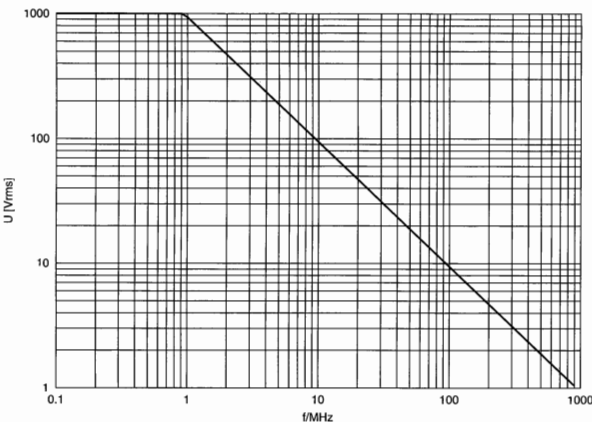
VPS210-G:

Max Input Voltage



Figure 1

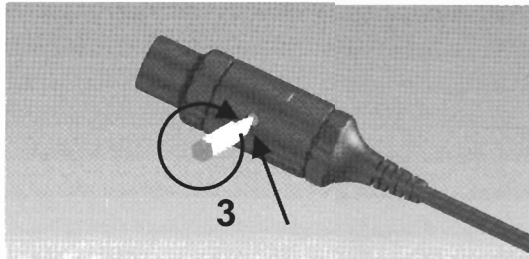
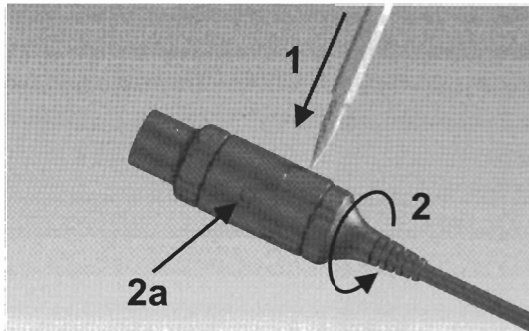
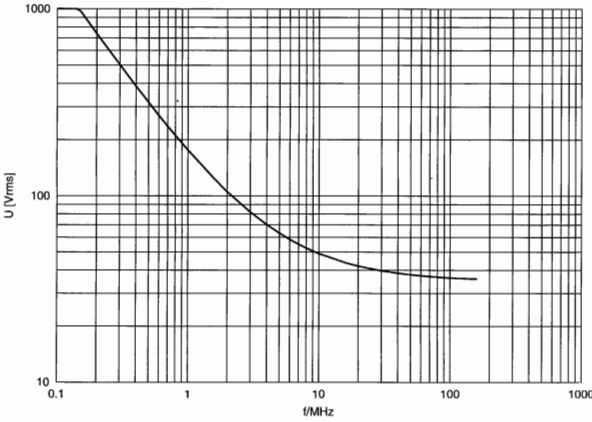
Frequency vs Input Voltage Derating Curve  
(probe tip to probe common)



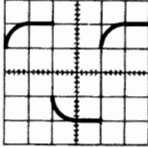
Max Voltage to ground

Figure 2

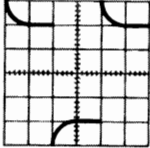
Safe Handling Derating Curve  
(probe common to earth ground)



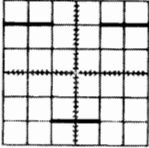
3a



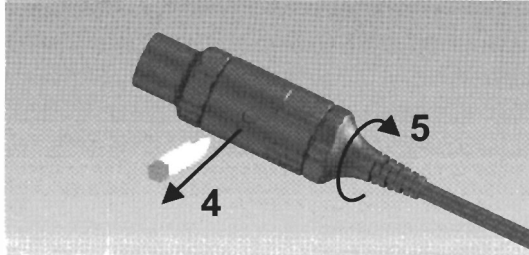
Under compensated



Over compensated



Correctly compensated



Compensation

1. Unlock the protective sleeve.
2. Turn the protective sleeve until the adjustment screw (2a) is accessible through the opening.
3. Adjust the compensation with the adjustment pin (3a).



For an accurate indication of the measuring signal, it is necessary to adjust the capacity of the probe to the input capacity of the oscilloscope. For this purpose the probe has an adjustment screw. Connect the probe to the oscilloscope and the tip to the reference calibration signal of the oscilloscope. Turn the adjustment screw until the oscilloscope shows an exact square wave.

4. Pull out the adjustment pin.
5. Turn the protective sleeve until it engages.