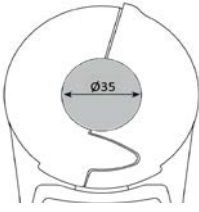

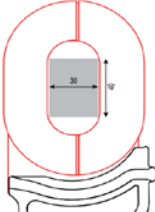
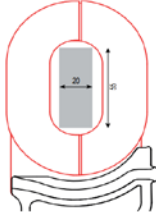
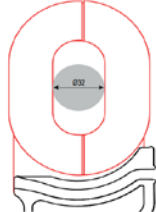




# Hand-Held Clamp-On Ground Testers



Model	6416	6417	6418		
<b>Basics - Mechanical</b>					
Catalog #	2141.01	2141.02	2141.03		
Jaw Shape	Round	Round	Oblong		
Maximum Conductor Size	Ø1.37" (35mm)	Ø1.37" (35mm)	30x40mm	20x55mm	Ø32mm
Maximum Conductor Size					
<b>Earth Impedance (measures ground rod/grid impedance of active or connected ground system)</b>					
Clamp On Method	●	●	●		
<b>Selective Earth Impedance (measures individual ground rod within a larger grid)</b>					
Clamp On Method	●	●	●		
<b>Continuity/Bond Testing (measures integrity of local loops, not earth loops; useful for lightning protection systems)</b>					
Continuity LOOP testing	●	●	●		
<b>Leakage Current (measures active current in the ground system)</b>					
0.50 to 20.0A	-	-	●		
0.20 to 40.0A	●	●	-		
<b>Advanced Mode (impedance at selected frequency, contact voltage, R &amp; L components of loop impedance)</b>					
	●	●	-		
<b>Loop Inductance Testing (reports inductive element of ground loop impedance)</b>					
10 to 500µH	●	●	-		
<b>Contact Voltage Function (product of the loop impedance and leakage current)</b>					
0.01 to 75V	●	●	-		
<b>Alarm Function (set high/low alarm thresholds with beeper for quick pass/fail testing)</b>					
Impedance / Current / Voltage	● / ● / ●	● / ● / ●	● / ● / -		
<b>Selectable Frequency (helps reduce inductive influence)</b>					
50, 60, 128 or 2083Hz	●	●	-		
2083Hz	-	-	●		
<b>Local Loop Indication (reading &lt;1Ω alerts user to possible local loop vs earth loop)</b>					
Flashes "LOOP"	●	●	●		
<b>Hold/Auto-Hold Function (measurement is held on screen after clamp is opened)</b>					
Enable or Disable	●	●	●		
<b>Display Type</b>					
OLED - 3 line	●	●	●		
<b>Memory Storage (time/date stamped measurements)</b>					
# of results	300	2000	300		
<b>Software - DataView (analysis and report generation software via BlueTooth)</b>					
via Bluetooth	-		-		
<b>App For Android (available on Google Play Store)</b>					
via BlueTooth	-		-		
<b>Auto Power Off (5 minute shutdown timer saves batteries)</b>					
Enable or Disable	●	●	●		
<b>Power Supply</b>					
Batteries (LR6, AA x 4)	●	●	●		
<b>Safety</b>					
EN 61010-1	600V CAT IV	600V CAT IV	100V CAT IV, 150V CAT III		
<b>Agency Approvals</b>					
	ETL, CE	ETL, CE	CE		
	<b>6416</b>	<b>6417</b>	<b>6418</b>		