

EARTH KITS – EARTH AND RESISTIVITY KITS

You have just purchased an earth or earth and resistivity kit from among the following references. We thank you for your confidence in Chauvin Arnoux instruments.

Code	Description	Composition										reinforced case						
		coil 150m red (H)	coil 100m blue (S)	coil 100m red (H)	coil 100m blue (S)	coil 50m red (H)	coil 50m blue (S)	coil 50m green (E)	reel 10m green (E)	coil 30m green (E)	coil 100m green (E)		coil 30m black (ES)	earth rod	hammer	fork terminals	standard case	
P01.1020.20	1P loop kit												1					
P01.1020.21	3P method earth kit (50m)					1								2	1	5	1	
P01.1020.22	3P method earth kit (100m)			1										2	1	5	1	
P01.1020.23	3P method earth kit (150m)	1												2	1	5		1
P01.1020.40	earth & resistivity kit (50m)							1						1	4	1	5	1
P01.1020.24	earth & resistivity kit (100m)			1										1	4	1	5	1
P01.1020.25	earth & resistivity kit (150m)	1												1	4	1	5	1
P01.1020.30	additional resistivity pack (100m)													1	2			1

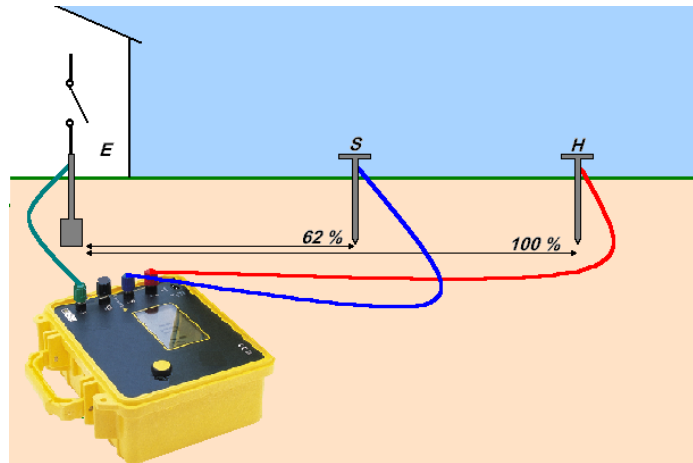
Available spare parts :

Description	Code	Description	Code
<ul style="list-style-type: none"> red wire on coil 	50m P01.2952.62 100m P01.2952.61 150m P01.2952.60	<ul style="list-style-type: none"> T earth rod 	P01.1020.31
<ul style="list-style-type: none"> blue wire on coil 	50m P01.2952.65 100m P01.2952.64 150m P01.2952.63	<ul style="list-style-type: none"> set of 5 fork terminals (adapters with spade lug terminals Ø 4mm banana screw terminals) 	P01.1020.28
<ul style="list-style-type: none"> green wire on coil 	30m P01.2952.68 100m P01.2952.66	<ul style="list-style-type: none"> soft carrying case (standard) (400 x 215 x 540 mm) 	P01.2980.66
<ul style="list-style-type: none"> black wire on coil 	30m P01.2952.67	<ul style="list-style-type: none"> reinforced carrying case (prestige) (580 x 280 x 325 mm) 	P01.2980.67
<ul style="list-style-type: none"> green wire on reel 	10m P01.1020.26	<ul style="list-style-type: none"> set of 4 coil handles 	P01.1020.29

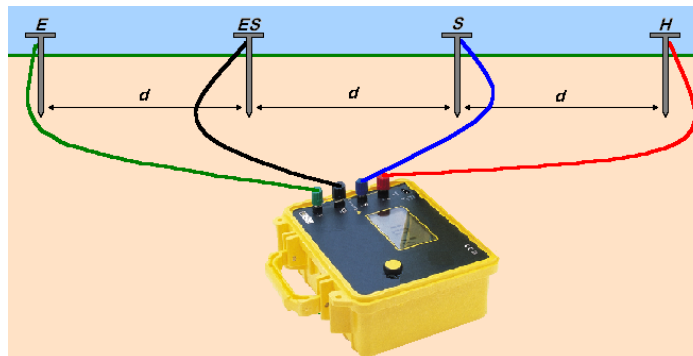
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Chauvin Arnoux earth and earth & resistivity kits are ideal for :

- Resistance measurement of normative earth rod on powered down installations using 2 auxiliary rods (by 62% method).



- Soil resistivity measurement by the Wenner method : $\rho_w = 2 \cdot \pi \cdot d \cdot R_{S-ES}$



- Soil resistivity measurement by the Schlumberger method : $\rho_s = (\pi \cdot (d^2 - A^2/4) \cdot R_{S-ES}) / A$

