

# Test Leads

## 5-kV & 10-kV Insulation Resistance Testers



- Wide range of lead sets and clips from the leader in insulation resistance testing
- Facilitates connection to a variety of de-energized systems
- Used with Megger 5-kV and 10-kV insulation resistance testers

### DESCRIPTION

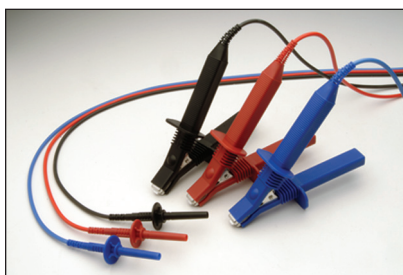
Megger offers a range of lead sets and clips of various sizes and electrical characteristics for use with MIT510/2, MIT520/2 and MIT1020/2 insulation resistance testers, enabling the user to choose the most applicable lead set for the work in hand. In all cases it is the responsibility of the user to use safe working practices and verify that the system is safe before connection. Even isolated systems

may exhibit significant capacitance which will become highly charged during the application of the insulation test. This charge can be lethal and connections, including the leads and clips, should never be touched during the test.

**Note:** the Compact Test Clips (8101-181, 8101-182, 8101-183) can be used with MJ15 and BM15 as well as the MIT510/2, MIT520/2 and MIT1020/2.

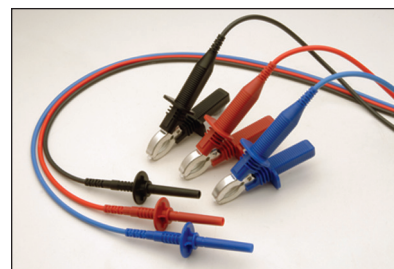
### Large Test Clips

These clips are designed for clamping on larger diameter test pieces. The insulation is designed only to protect the user from the output of Megger 5-kV and 10-kV insulation resistance testers and systems below 1 kV to the category rating of 1000 V ac. The clips **cannot** in any circumstance be relied on to protect the user from live systems above 1 kV ac.



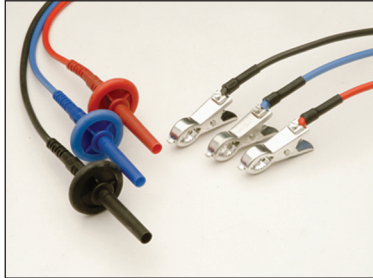
### Medium Test Clips

These clips are designed for clamping on larger diameter test pieces but where space is at a premium. The insulation is designed only to protect the user from the output of Megger 5-kV and 10-kV (set below 6 kV) insulation resistance testers. The clips **cannot** in any circumstance be relied on to protect the user from live ac systems.



#### Compact Test Clips

These clips are designed for clamping on test pieces where access is limited. There is no insulation on these clips. Extreme care must be taken to avoid electric shock when connecting/disconnecting due to the bare metallic clips.



#### Control Circuit Test Clips

These clips are designed for testing low voltage circuits with test voltages up to 1 kV. The insulation is designed only to protect the user from the output of Megger 5-kV and 10-kV insulation resistance testers set to a maximum output voltage of 1 kV. **Do not** use this lead set at voltages above 1 kV.



### ORDERING INFORMATION

Type Cat. No.	Large Test Clip 6220-811	Medium Test Clip 6220-820	Compact Test Clip 8101-181/8101-182/ 8101-183	Control Circuit Test Clips 6220-822
Dimensions, Closed	8.7 x 5.2 in. (220 x 134 mm)	5.4 x 2.9 in. (139 x 73 mm)	2.2 x 1 in. (58 x 25 mm)	2.2 x 1 in. (58 x 25 mm)
Lead Length	10 ft (3 m)	10 ft (3 m)	210968: 10 ft (3 m) EV6121-451: 25 ft (8 m) EV6121-452: 50 ft (15 m)	10 ft (3 m)
Jaw Opening, Dia. max.	1.3 in. (34 mm)	1.3 in. (34 mm)	.7 in. (18 mm)	.8 in. (20 mm)
Number in Set	3	3	3	2
Insulation Rating				
Basic	10 kV dc	6 kV dc	None	1 kV dc (Prod or Clip)
Double	5 kV dc	3 kV dc	None	N/A
CAT Rating	1000 V ac CAT IV	1000 V ac CAT IV	N/A	N/A

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**ISO STATEMENT**  
Registered to ISO 9001:2000 Cert. no. Q09290  
Registered to ISO 14001-1996 Cert. no. EMS61597  
**MIT5-10kV\_TL\_DS\_enUS\_V02**  
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