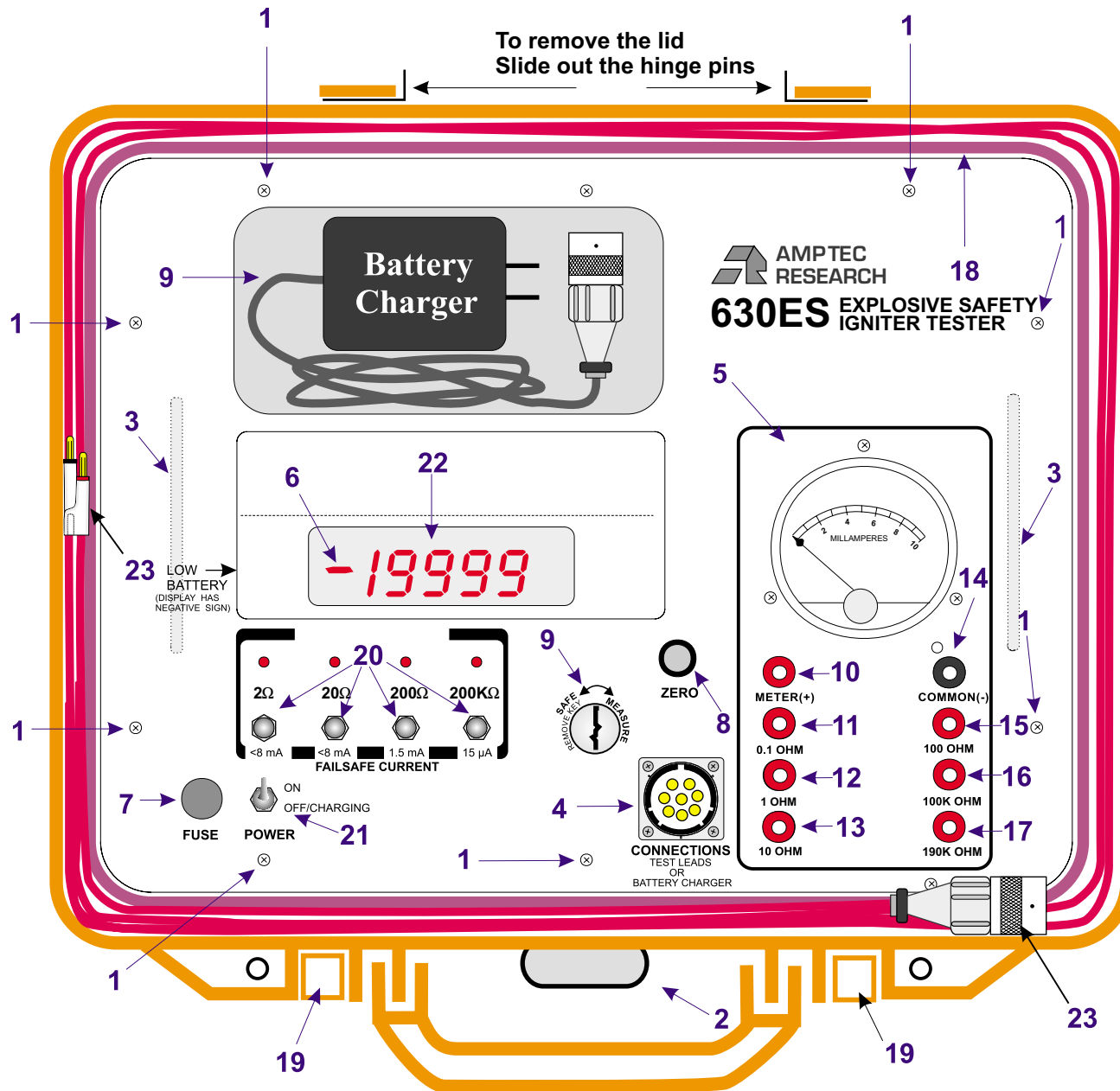


AMPTEC 630ES EXPLOSIVE SAFETY IGNITER TESTER



AMPTEC 630ES FEATURES

1. Calibration/Maintenance access screws
2. Purge Valve - Provides Air Pressure Equalization to open. If unit will not open (i.e. after transit) due to an air pressure change, open purge valve to equalize pressure.
3. Handles - see item #1 then lift for calibration access
4. **Single Access** Multi-purpose Main Connector - for either measuring test lead hookup *or* connection to battery charger. The power switch (item #21) must be in "**Off/Charging mode**" while the battery charger is connected to recharge the batteries.
5. Milliammeter - measures actual 630ES test current levels.
6. Minus sign - indicates "low battery level" recharge time
7. Fuse Access - 2 ampere slow blow type for general operation, check fuse if unit is non-operational.
8. Zero pot - Adjusts shorted resistance offset (i.e test leads).
9. Keylock Switch - **Safe mode** shorts inputs together, disconnects & isolates user inputs from 630ES measurement electronics. **Measure mode** switches user inputs to ohmmeter.
10. Input jack - Plug into the 630ES Ohmmeter meter test lead
11. Input jack of 0.1 ohm test resistor for checking the lower end of scale or zero accuracy of the 2 ohm & 20 ohm range.
12. 1 ohm test resistor for checking the mid-scale functionality of the 2 ohm range.
13. 10 ohm test resistors for checking the mid-scale functionality of the 20 ohm range of the 630ES.
14. Input jack for the 630ES common test lead (plug-in black banana jack)- also accesses the "shield" of the Faraday Cage.
- 15 and 16. 100 ohm, and 100K ohm test resistors for checking the mid-scale functionality of the 200 ohm and 200 K ohm ranges of the 630ES.
17. 190K ohm test resistor - if shunted in parallel during an "Open Circuit" test on 200K ohm range, a shift <40 counts means resistance under test is > 200 Megohms (see manual).
18. O-ring seal(s) in 630A lid & under the front plate provide Water Resistant seals, re-seat seal if loose.
19. Tight Squeeze Flip Latch Area - waterproof seal when closed, press down lid with palm and flip latch to open unit.
20. Resistance Ranges - 2Ω , 20Ω , 200Ω , and $200K\Omega$ - silicone boot provides water-resistance switch cover (LED indicates the selected range).
21. Power On *or* OFF/Charging Switch
22. Beveled Display Hood and Super Bright LED Display readable in sunlight.
23. Test Leads wrap around inside rim of 630ES lid, with Velcro[™] style hook and loop fastening.