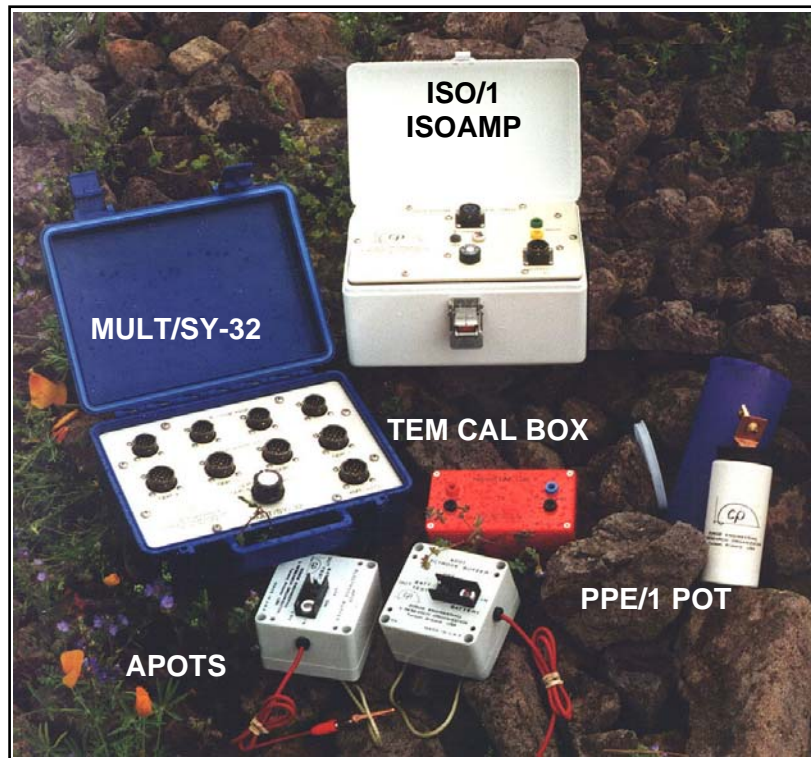


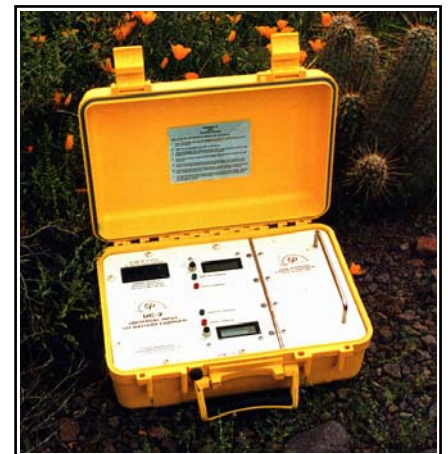
ANCILLARY EQUIPMENT



LB2500 Load Bank



**ETS-9/20/40
Switch Box**



UC-2 Universal Charger



**MXBAT &
NTEMBAT
Batteries**



**LDT-10B
Laboratory
Transmitter**



Zonge Engineering and Research Organization, Inc.

Specialists in Electrical Geophysics

• *Field Surveys* • *Geophysical Consulting* • *Instrumentation Sales and Lease* •

SPECIFICATIONS FOR ANCILLARY EQUIPMENT

LB2500 Load Bank

Resistor load bank, including fuses, 2.5 KVA
Net Weight: 13.2 kg (29 lb)

PPE/1 Porous Pots

Ceramic, copper/copper-sulfate, non-polarizing electrodes for low noise detection of electric fields.
Net Weight: 0.5 kg (1 lb)

APOT

Potential electrode buffer amplifier (unity gain) for multiple in-line electric field measurements. Used when line capacitance influences frequency response, as in areas of high contact resistance and/or long dipole lengths.
Net Weight each with batteries: 0.5 kg (1 lb)

ISO/1 Isolation Amplifier

Isolation amplifier needed for transmitter current monitor when making referenced CR measurements. Self-contained power supply with battery. Includes one input signal cable, one output signal cable and battery charger and five 3AG 1/2A fuses for each unit.
Net Weight with batteries: 4 kg (9 lb)

ETS-9/20 Switch Box

Nine electrode (8 dipole) switch box for currents up to 20 amperes. Used for dipole-dipole IP surveys. Includes one ETS-IN/20 cable.
Net Weight: 1.8 kg (4 lb)

ETS-9/40 Switch Box

Nine electrode (8 dipole) switch box for currents up to 40 amperes. Used for dipole-dipole IP surveys. Includes one ETS-IN/40 cable.
Net Weight: 2.7 kg (6 lb)

MULT/SY-32

Connection box for synchronizing one XMT-32 to one to four GDP-32 receivers and SC-8 signal conditioning boxes.
Net Weight: 1.2 kg (2.5 lb)

Lab/2 Laboratory Electrodes

Laboratory electrodes for use with LDT-10. Designed to provide a non-polarizing contact for resistivity and IP measurements of rock samples in the laboratory.
Net Weight: 1.3 kg (2.8 lb)

LDT-10 Laboratory Transmitter

Useful for laboratory measurements of field samples and shallow down hole logging. Output: ~12 volts max, 0.1 microamperes to 10 milliamperes. Includes one external power cable, one control cable, three 24" black and three 24" red connecting cables, and operating manual.
Net Weight: 2.3 kg (5 lb)

UC-2 12V Battery Charger

Universal input 12 volt battery charger. Input power specifications: 85-264 VAC, 45-440 Hz or 104-350 VDC. Dual circuits permit charging two 12 V batteries simultaneously.
Net Weight: 4.8kg (10.5 lb)

MX-BAT Battery Pack

External 12 volt battery pack for the MX-30 electrode multiplexer.
Net Weight: 4.5 kg (10 lb)

NTEM-BAT Battery Pack

12/24 volt battery pack for the NT-20 and ZT-20 TEM transmitters.
Net Weight: 8.5 kg (18.5 lb)

TEM CAL BOX

A calibrate load used to generate standard decay curves for TEM and NanoTEM systems, as a check for proper system operation.
Net Weight: 0.5kg (1 lb)

Custom Equipment

Zonge Engineering can design and manufacture custom equipment for your specific needs.

*Specifications subject to change without notice
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Zonge Engineering and Research Organization, Inc.

Offices:

Arizona, Alaska, Nevada, Colorado and Minnesota

Headquarters:

3322 E. Ft. Lowell Road, Tucson, AZ 85716, USA (800) 523-9913

Tel: (520) 327-5501 Email: zonge@zonge.com

Fax: (520) 325-1588 Web: <http://www.zonge.com>