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BASi Petit Ampère



The Petit Ampère is a portable, fixed-potential potentiostat designed for basic electrochemical detection and biosensor applications. It can use either battery or AC power, and may be combined with an LC-4C or additional Petit Ampères to produce a multichannel potentiostat. Three different versions of the Petit Ampère are available with different current ranges.

Specifications

Channels	Single channel amperometric controller. (May be slaved to other LC-3s or to an LC-4C amperometric controller for multichannel capability.)
Applied Potential	±1.5 V
Gain	LC-3C: 0.2, 0.5, 1, 2, 5, or 10 nA/V LC-3D: 5, 10, 20, 50, 100 or 200 nA/V LC-3E: 5, 10, 20, 50, 100 or 200 µA/V
Filter	0.03, 0.08 or 0.3 Hz
Manual Offset	LC-3C: ±19.99 nA LC-3D: ±199.9 nA LC-3E: ±199.9 µA
Output	Iout: 1 V per unit of current set on range (gain) setting
Power	7.2 V, 100 mA/hr. NiCad in standard 9 V battery form. Battery will fully charge in 12 hours when unit is turned off and charged with wall-mounted supply. Battery must always be installed in unit. Wall-mounted power supply provides 12 V DC unregulated at 10 mA and is available with USA, Continental Europe or U.K. style plugs. The unit will also run from a 12 V lantern battery or a 13.8 V automotive battery.
Cables	Power supply (specific for voltage for the destination), cell lead cable and recorder cable
Dimensions (H x W x D)	7 x 4 x 2.5 in (18 x 10 x 6.5 cm)
Weight	2 lb (0.9 kg)

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Ordering Information Get Prices

EF-1200	LC-3C Petit Ampère
EF-1201	LC-3D Petit Ampère
EF-1202	LC-3E Petit Ampère

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