



Providing Excellence in Science Education

IPC Irwin National Grid HT Lead

Part Number ENG1020

User Instructions

INTRODUCTION.

The National Grid HT Lead is a replacement for the HT Lead supplied with our National Grid Simulation Kit (ENG1000), **note:** replacement Pylons are also available (ENG1010).

DESCRIPTION.

The National Grid HT Lead contains two conduction wires and is used to connect the two transformer units in the National Grid Simulation Kit. The wires themselves are carefully chosen resistance wires, used to simulate Nation Grid power lines.

The two resistance wires contained in the lead are fitted at each end with the appropriate touch-proof connectors, used to plug into the two transformer units. The two resistance wires are insulated using clear sleeving, three black outer sleeves are also fitted which can be slid along the two wires to help keep them together.

INSTRUCTIONS.

Simply plug the HT Lead connectors into the two Transformer Units supplied with the National Grid Simulation Kit, to do this align the plugs correctly with the relevant sockets, then push in firmly and rotating clockwise until you feel the locking clip locate. To remove simply reverse the fitting operation.

SPECIFICATIONS.

HT Lead Length	= 1.25m
Connector Type	= 2 Pole, Touch-Proof, Twist Fit.
Mass	= 0.05kg

Please Note: This Equipment is for Education, Training, or research Purposes Only.

Thank you for choosing this IPC Irwin product, which has specifically been designed for education and we know it will bring you good service long into the future. This is just one product of a wide range of UK designed and manufactured products to enhance a STEM education, please see www.ipcirwin.com website for more details on the products and service we provide to support teaching and learning in science and technology.

IPC Irwin

Holker School, Cark in Cartmel, Grange over Sands, Cumbria LA11 7PQ, United Kingdom

Call: 015395 58555 **Email:** sales@ipcirwin.com



Providing Excellence in Science Education

IPC Irwin also provide Portable Appliance Testers and a Calibration service, for more details please go to www.ipcirwin.com or call our sales and technical support line on 015395 58555.



IPC Irwin

Holker School, Cark in Cartmel, Grange over Sands, Cumbria LA11 7PQ, United Kingdom

Call: 015395 58555 **Email:** sales@ipcirwin.com