

Neutron Probe NP-3058



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Neutron probe is a subsurface, soil moisture measurement probe for determining the moisture content of soils at various depths. It is the ultimate aid in irrigation scheduling, agronomic research and environmental monitoring.

The probe has been redesigned to offer a menu driven operation supported by a large, easy-to-read, 40 character LCD display and 12 button layout. This layout allows intuitive navigation to additional software features. It also allows the operator to easily set-up and label new projects using the alpha-numeric display and save additional notes for each. Project data can be downloaded to a USB drive or PC using a standard USB cable.

The probe new, lithium-ion battery pack allows hundreds of hours of field operation between charges, and recharges in less than 4 hours.

►► **Features:**

- Backlit 4 x 20 LCD display with 9mm characters for maximum visibility
- Multi-language options – English, Spanish, French & German
- New, long-lasting lithium-ion batteries
- Upgraded, redesigned electronics make ELITE more user-friendly
- Data transfer to PC via USB drive OR data cable
- Internal SD card provides storage for over 10,000 test readings
- Storage and recall of 32 linear calibrations for multiple tubing types and varying soil conditions
- Options allow operator to select: Time of test, units of measurement and logging format
- Lightweight and water resistant

►► Specifications

STANDARDS	: Meets and exceeds ASTM D5220 requirements
MEASUREMENT RANGE	: 0.0 to 6.0 in/ft (0.0 to 0.50 gcc)
PRECISION AT 1 MIN.	: ± 0.024 in/ft (± 0.002 gcc) at 2.88 in /ft. (0.24 gcc)
COUNTING TIME	: 15, 30 or 60 second intervals OR user selectable
OPERATING TEMPERATURE	: 32° to 140°F (0°to 60°C)
POWER	: Lithium-ion 7.4V, 4.4 A-H battery pack (Rechargeable)
DISPLAY	: Large 4 Line by 20 character LCD display with backlight
UNITS	: Operator selectable: counts, count ratio, gcc, pcf, ipf, cpc, % moisture
MEMORY STORAGE	: Minimum 2Gbyte internal storage for calibrations and data storage
DATA INTERFACE	: Upload data to PC via USB port or cable
CALIBRATION	: 32 operator selectable calibrations
NEUTRON SOURCE	: Max 50 mCi (1.85 GBq) Americium-241/Be
ENCAPSULATION	: Double-sealed capsule
WEIGHT	: Gauge Weight: 14 lbs. (6.35 kg) Shipping Weight: 33 lbs. (15 kg)

►► Regulatory compliances



►► Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



TM

Analytical
Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

►► Reach us @



 **Analytical**®
Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W: www.ais-india.com
www.analycalgroup.net
www.hplctechnologies.com
www.multiplelabs.com

Sales & Support Offices:
across the country :
Distributors & Channel
partners World Wide

Note : Company reserves rights to add/delete/modify the contents /technical specifications of the catalogue without prior notice.