Physics - Electrical Meters



## 1. Interscale Demonstration Meter

Housed in an ABS plastic case $300 \times 150 \times 300 \mathrm{~mm}$ with glass front and rear. Moving coil type with accuracy of $\pm 2.5 \%$. Basic sensitivity of meter is $5 \mathrm{~mA}, 100 \mathrm{mV}$ f.s.d. The meter can be used to demonstrate the working principle of AC or DC ammeters or voltmeters with the interchangeable plastic scales.

| Code | Pack | Price |
| :--- | ---: | ---: |
| PH1116N | Each | $£ 79.77$ |

## Interchangeable Dials

For use with PH1116N. Each dial comprises a laminated plastic panel $315 \times 115 \mathrm{~mm}$. With a sealed moulded box at one end which contains the shunt or voltage multiplier appropriate to the scale.

| Code | Current | Pack | Price |
| :--- | :--- | :--- | ---: |
| PH1118A1N | 2.5-0-2.5mA DC | Each | $£ 6.00$ |
| PH1118A2N | $0-1 \mathrm{~V} D C$ | Each | $£ 12.52$ |
| PH1118A5N | $0-100 \mathrm{mV}$ DC | Each | $£ 6.10$ |
| PH1118B2 | $0-5 \mathrm{~V}$ DC | Each | $£ 11.35$ |
| PH1118B5 | $0-500 \mathrm{mV}$ DC | Each | $£ 9.84$ |
| PH1118C2N | $0-10 \mathrm{~V}$ DC | Each | $£ 12.52$ |
| PH1118C4 | $0-15 \mathrm{~V}$ AC | Each | $£ 11.35$ |
| PH1118D2 | $0-15 \mathrm{~V}$ DC | Each | $£ 11.35$ |
| PH1118E1 | $0-100 \mathrm{~mA} D C$ | Each | $£ 10.21$ |
| PH1118F3 | $0-5 \mathrm{~A} \mathrm{AC}$ | Each | $£ 11.33$ |
| PH1118G1 | $0-1 \mathrm{~A} \mathrm{DC}$ | Each | $£ 6.00$ |
| PH1118G2N | $10-0-10 \mathrm{DCC}$ | Each | $£ 12.28$ |
| PH1118I | $0-10 \mathrm{~A} \mathrm{DC}$ | Each | $£ 11.34$ |

## 2. Analogue Bench Meters

An economical range of analogue bench meters, designed specifically for educational use. Large, easy to read scales. Connection is via captive 4 mm terminals. Accuracy typically $\pm 2.5 \%$. Size $100 \times 133 \times 97 \mathrm{~mm}$.

| Code | Description | Pack | Price |
| :--- | :--- | :--- | ---: |
| EL10006 | Ammeter $0-600 \mathrm{~mA} / 0-3 \mathrm{~A}$ | Each | $£ 10.56$ |
| EL10008 | Voltmeter $0-3 \mathrm{~V} / 0-15 \mathrm{~V}$ | Each | $£ 9.40$ |

## 3. Moving Coil Ammeters

Moving coil ammeters, DC only, with 4 mm socket terminals. Size: $125 \times 80 \times 80 \mathrm{~mm}$. Scale length: 60 mm .

| Code | Measuring Range | Pack | Price |
| :--- | :--- | :--- | :--- |
| PH1074B | $0-1 \& 0-5 A$ | Each | $£ 9.78$ |
| AMTER1A | $0-1 A$ | Each | $£ 5.05$ |
| AMTER2A | $0-2 A$ | Each | $£ 5.15$ |
| AMTER5A | $0-5 A$ | Each | $£ 5.05$ |

## 4. Moving Coil Voltmeters

Moving coil voltmeters, DC only, with 4 mm socket terminals. Size: $125 \times 80 \times 80 \mathrm{~mm}$. Scale length: 60 mm .

| Code | Measuring Range | Pack | Price |
| :--- | :--- | :--- | :--- |
| PH1080AC | $0-5 \mathrm{~V}$ | Each | $£ 8.69$ |
| PH1080AE | $0-15 \mathrm{~V}$ | Each | $£ 9.28$ |

