

# Product Specification

## HOPM-3030A, HOPM-2650A Series

### Optical Power Meter

#### 1. Product Description

With six wavelength calibrating spots (980nm, 1310nm, 1490nm, 1550nm, 1590nm and 1610nm), refined design, easy operation, linearity or non-linearity display, unique FC/SC/ST all-purpose connector, HOPM-3030A/HOPM-2650A is the earliest self-developed hand-held optical power meter of A-Gear, which can be used for direct optical power measurement as well as relative measurement of optical link loss. It's an essential test instrument in Optical Communication, CATV system construction and maintain.



#### 2. Product Feature

- Display maintenance function
- Easy operation, high reliability
- Power shortage alarm
- Unique FC/SC/ST all-purpose connector.

#### 3. Main Application

- PDS of the CATV project
- Optical fiber sensing research
- Teaching and experiment of optical communication
- Optical fiber communication engineering

#### 4. Specification

| Parameter               | Units | HOPM-3030A                        | HOPM-2650A |
|-------------------------|-------|-----------------------------------|------------|
| Model                   |       | HOPM-3030A                        | HOPM-2650A |
| Connector               |       | FC                                |            |
| Wavelength Range        | (nm)  | 980, 1310, 1490, 1550, 1590, 1610 |            |
| Probe Type              |       | InGaAs                            |            |
| Power measurement range | (dBm) | -30 ~ +30                         | -50 ~ +26  |



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| Parameter                        | Units |                              |
|----------------------------------|-------|------------------------------|
| Calibrating Wavelength No        |       | 6                            |
| Uncertainty                      |       | ±5%                          |
| Display Resolution               | (s)   | Logarithmic display: 0.01dBm |
| Preheated Time                   |       | 0                            |
| Display Unit                     |       | dB/dBm/W                     |
| Display Refresh Frequency        | (Hz)  | 3                            |
| Auto Power Off Time              | (min) | Optional                     |
| Battery Operating Endurance Time | (h)   | >240                         |
| Work temperature                 | (°C)  | -10 ~ +50                    |
| Storage temperature              | (°C)  | -25 ~ +70                    |
| Relative Humidity                | (%)   | 0~95 without condensation    |
| Apparent Size                    | (mm)  | 175*82*33                    |
| Weight                           | (g)   | 310                          |
| Power supply                     |       | 3 pcs AA 1.5V battery        |