

CRM100

Raman Module



Product Description

The CRM100 Raman spectrometer module utilizes a 785nm laser, offering high-performance capabilities for a range of applications. It provides core modules and development kits specifically designed for portable Raman spectrometer manufacturers. Featuring an integrated design and compact size, the CRM100 is ideal for the development and design of portable and handheld Raman spectrometers, delivering both versatility and ease of integration into various systems.

Performance Parameters:

1. Spectral resolution: $\leq 12\text{cm}^{-1}$
2. Spectral range: $200\text{-}3200\text{cm}^{-1}$
3. Laser: Central wavelength $785 \pm 0.5\text{nm}$
4. Dimensions: $135\text{mm} \times 86\text{mm} \times 22\text{mm}$
5. Interface: Standard DB25 gold-plated female connector

