

Progeny Docking Station

Expand Capabilities with Benchtop Power,
Charging and Data Connectivity



The Progeny® Docking Station transforms the Progeny handheld Raman analyzer into a stable, powered benchtop platform. It enables uninterrupted operation, simultaneous battery charging, active cooling, and live data transfer while maintaining compatibility with all available Progeny sampling accessories.

Why choose the Progeny docking station?

- Continuous powered operation during charging
- Simultaneous charging of instrument and spare battery
- Live USB or WiFi data transfer while docked
- Integrated fan for enhanced thermal performance
- Optimized benchtop workflow for lab environments
- Direct synchronization to enterprise data systems



Key features:

- **Docking Interface:** Secure pogo-pin contact system for reliable power and communication
- **Battery Charging:** Dedicated auxiliary battery charging bay
- **Sample Handling:** Integrated four-position vial sample station
- **Connectivity:** USB interface with full data routing capability
- **Status Indicators:** Sync and battery LED indicators
- **Accessory Compatibility:** Supports all available Progeny sampling accessories



Docking Station Technical Specifications

Rigaku part number	1006809
Input	18 VDC, 7.22 A, 130 W max
USB input	USB Micro B, 5 Pin, Female 6 ft. USB A/Micro B interface cable provided
LED status indicators	Blue: Ready for Sync Battery indicator: Green (charging) Off (charged)
Size / weight	320.8 x 228.6 x 111.3 mm (12.63" x 9.0" x 4.38") 2.54 kg (89.6 oz)
Temperature	0 to 50°C operating, -20 to +50°C storage
Integrated battery charger	Only use Rigaku-supplied batteries

Included External Desktop Power Supply

Rigaku part number	1006794
Input	100-240 VAC, 47-63 Hz, 1.58-0.6 A (IEC-320-C14 Input Inlet)
Output	18 VDC, 7.22 A, 130 W max
Size / weight	189 x 89.5 x 45.5 mm (7.44" x 3.52" x 1.79") 778-800 g (27.4-28.2 oz)
Temperature	0 to 70°C operating, -40 to +85°C storage
Regulatory and compliance	UL, FCC, CCC, PSE, RoHS

Engineered for Rigaku Progeny applications

The Progeny Docking Station enhances the flexibility of Progeny handheld Raman systems by delivering dependable stationary operation while preserving full portability when required for the following applications:

- Method development and validation
- Laboratory investigations
- Continuous measurement environments
- Controlled benchtop analysis
- Enterprise data synchronization stations

