



## Amplifi ID™ Drug Analysis System

### Technical specifications

<b>Size:</b>	22.2 x 16.2 x 6.7 cm (8.7 x 6.8 x 2.6 in)
<b>Weight:</b>	2.2 kg (4.9 lbs)
<b>Electrical:</b>	12V, 5A DC adapter Portable rechargeable battery (>12 hrs continuous operation)
<b>Optics:</b>	High throughput grating combined with scientific grade CCD detector
<b>Operating Temperature:</b>	0°C – 40°C (32°F – 104°F)
<b>Communications:</b>	Data transfer USB 2.0 Type B connector
<b>Spectral Range:</b>	270 – 2000 cm <sup>-1</sup>
<b>Spectral Resolution:</b>	8 cm <sup>-1</sup>
<b>Laser Wavelength:</b>	785 nm
<b>Max Laser Power:</b>	450 mW
<b>Attachments:</b>	Easy-to-exchange proprietary optomechanics adaptors for SERS-enabled trace analysis and Raman bulk scans
<b>Libraries</b>	Controlled substances and cutting agents for trace and bulk analysis
<b>Reach-back support</b>	Advanced spectral analysis available from in-house scientists



### **Included in the Amplifi ID™ setup package:**

- Amplifi ID portable Raman spectrometer
- Custom transportable NANUK case
- Trace and Bulk scan sampling attachments
- Laser safety keys and interlock
- Laser safety cap
- Calibration kit
- Portable rechargeable battery
- USB connector
- Power cords
- Windows laptop with communications software
- Automated spectral analysis app
- Basic dashboard software

### **Find out more:**

Website: <https://www.spectraplasmonics.com/devices>

Email: [info@spectraplasmonics.com](mailto:info@spectraplasmonics.com)