



Micro Raman system

Micro Raman Identification (MRI) is designed by PTT with Taiwan Patent No. I570402, and No. I593953, USA Application No.15-700,190, and China Application No. 201610023205.0. Below are the features of MRI:

- 1.A patented optical path design integrates traditional optical path dimension into small space.
- 2.To maintain and fast switch laser power, free space laser is used instead of fiber.
- 3.With PTT's patent, the laser is exchangeable and up to 4 choices.
- 4.Excitation source: 473, 488, 532, 633, 785, 808 nm.
- 5.MRI, currently, is the only instrument in the world that allows vertical and horizontal Raman measurement.

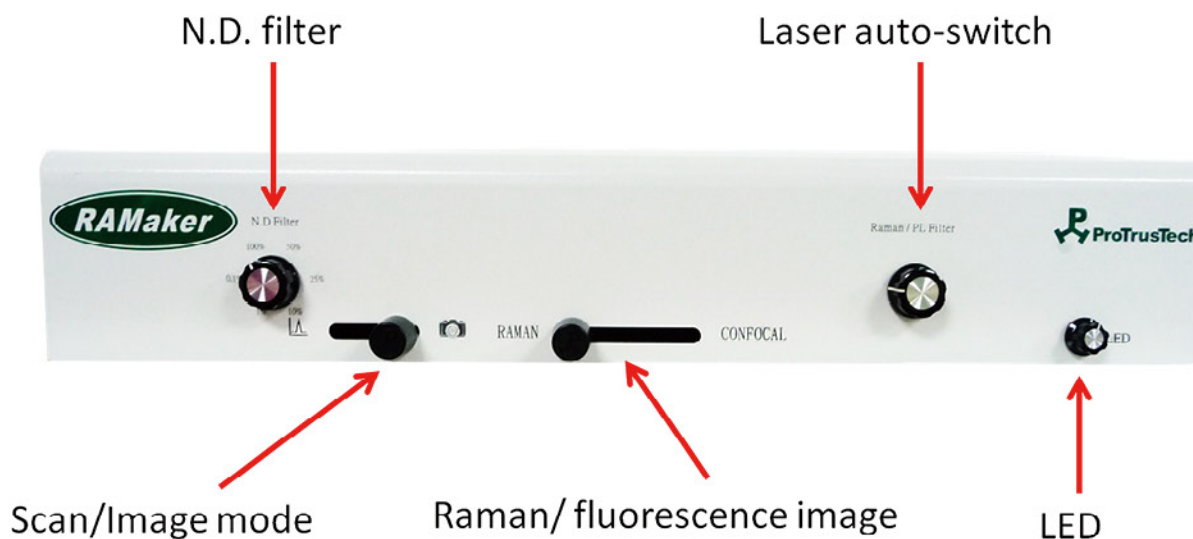




Multi-Functional Micro Raman system

RAMaker is designed by PTT with Taiwan Patent No. M475582, I570402, I593953, USA Application No. 15-700,190. Below are the features of RAMaker:

1. Contain 3 lasers in Raman chamber and auto-switch lasers.
2. Offer 500 different levels of laser power.
3. Special optical path design (Patent No. M475582), mirror alignment is not necessary.
4. The lasers are allowed to operate independently or simultaneously.
5. With control panel, RAMaker is friendly to operate.
6. Other measurements are two-photon Raman or fluorescence spectroscopy, time-resolved fluorescence spectra, TERS, etc.



ProTrusTech Co., Ltd.

Name/Title Darwin Huang / Manager

TEL +886-6-2892081

FAX +886-6-2890862

E-mail ad@protrustech.com

Website www.protrustech.com