



# RAMAN Spectra database collection

## For the rapid identification of unknown materials by Raman spectroscopy

Users of the foster+freeman Forum and ffTA (with Raman module fitted) may further enhance the capabilities of their instruments through the purchase of additional Raman Spectra Libraries for the identification of unknown materials and compounds.

A comprehensive collection of libraries has been compiled by S.T. Japan and formatted for use with Forum and ffTA systems.

In total over 19,000 spectra of common and specialist materials are available divided into categorised libraries including:

- Forensic Compounds
- New Psychoactive Substances & Illicit Drugs
- Pharmaceuticals, Drugs and Antibiotics
- Hazardous and Toxic Chemicals
- Dyes, Pigments, and Stains
- Solvents

New Raman spectra are continuously added to the S.T. Japan database making it the largest and most advanced Raman collection world-wide

ffTA/Forum compatible  
Raman Spectra Databases

### FORENSIC RAMAN Spectra Collections

foster+freeman Forensic Raman Spectra Library

- Order Code: ffTA/RD2
- 86 Raman spectra of compounds commonly of interest in the forensic laboratory.

S.T. Japan Forensic Raman Spectra Library

- Order Code: ffTA/RD1
- 748 Raman spectra of compounds commonly of interest in the forensic laboratory.

S.T. Japan Complete Collection Database

- Order Code: ffTA/RD/CC
- Comprehensive Collection contains 31 S.T. Japan Raman Application Spectra Databases

### RAMAN Application Spectra Databases

- Defined and Commercial Polymers & Additives
- Food Additives & Food Packaging
- Solvents
- Organometallics & Silicon Compounds
- Biochemicals
- Aldehydes & Ketones
- Alcohols & Phenols
- Esters, Lactones, Anhydrides & Carboxylic Acids
- Hydrocarbons
- Flavors, Fragrances & Cosmetic Ingredients
- Pesticides
- Semiconductor
- Forensic Database
- Dyes, Pigments & Stains
- Sulphur & Phosphorous Compounds
- Hazardous Chemicals
- Toxic Chemicals
- Inorganics
- Pharmaceuticals, Drugs & Antibiotics
- High Production Volume Chemicals
- Excipients
- White Powders
- Coatings
- Paints
- Selected Organic Compounds
- EuroPharm
- Environmental Pollutants
- Essential Oils
- Petrochemicals
- Microplastics & Related Compounds
- Common Contaminants
- Minerals\*
- Gemstones\*
- New Psychoactive Substances & Illicit Drugs\*

\* not included in ffTA/RD/CC