Non-contacting and non-destructive
Typically no sample preparation
Analyse through transparent containers and windows
Built-in internal reference sample (for calibration)
Motorized switching between laser and white light sample images using integral video
Spectral acquisition (for chemical identification of elements and compounds)
Depth profile acquisition with 2.5 um depth resolution
Map image acquisition
volume mapping acquisition
StreamlineHR image acquisition
Automatic image montaging
Automated measurement queuing
Polarization Raman
photoluminescence
simultaneous Raman/SEM
Quantification of material composition and properties