

Room of illumination for Raman spectroscopy

Domaines d'application

Raman spectrometry - pharmacy - drug - radiotherapy - clinical biochemistry,

Contexte

Analytical Quality Control aims at guaranteeing the parameters, identity, purity and concentration of the molecules of interest. In hospital pharmacies, manufactured products can be expensive or need specific precautions of use (e.g. chemotherapies). The invention allows the accurate analysis of solid samples or liquid in plastic or glass containers. The use of such device avoids any product loss and contamination of the technicians.

Description de la Technologie

AP-HP is currently seeking companies or entrepreneurs to license a device designed to allow Raman spectrometry analysis of samples with complex shapes and particularly of drugs in their packaging. The technology allows analysis with the same device of solid samples (capsules...), drugs in their packaging (bottles, plastic bags ...) and easy and fast loading of the samples without re-setting the spectrometer.

Stade de Développement

Fully operational prototype in use for quality control of drugs in plastic syringes and infusors

Propriété Intellectuelle

EP, US, CA, JP Patents