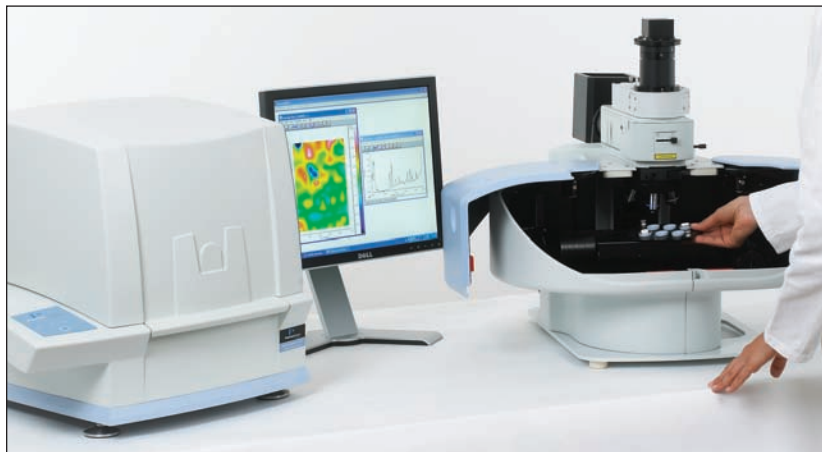


Tablet and Powder Holders for Raman and Infrared Systems



Designed for use with PerkinElmer® infrared and Raman systems, a range of holders is available for the automated imaging, high throughput screening or single sample analysis of tablets and powders.

Tablet and powder holders are available for the Spotlight™ 200 IR microscope, the Spotlight 400 Near-IR and Mid-IR Imaging systems, the RamanStation™ 400 and RamanMicro microscopes.

Tablet holders

The holders consist of a metal plate which fits the instruments' motorized XYZ stage. This plate accommodates a range of circular tablet cups sized from 10 to 22 mm. The grid nature of the metal plate lets the user arrange the samples as required. A selection of cup sizes is supplied with the holder, and replacement cups are available.

For irregularly shaped tablets, the Custom Tablet Mold Kit allows the analyst to produce their own silicone cups.

Powder holders

The Powder Holder Kit can accommodate up to 24 samples (infrared) or up to 54 samples (Raman) for automated analysis and is supplied with a number of reusable stainless steel sample cups. The cup filler ensures simple and tidy filling and each cup is filled to the appropriate level producing a flat sample surface.

Key Features

- ▶ Designed to simplify automated analysis of powders and tablets
- ▶ Ideal for mapping and imaging of multiple tablets
- ▶ Rapid, high throughput analyses
- ▶ Accommodate standard and non-standard tablet shapes

Table 1. Powder and tablet holders product descriptions and part numbers.

	IR Spotlight Systems	Raman Systems
Powder Holder Kit for Motorized Stage For automated analysis of powders. Comprises powder holder baseplate, powder cup loading base and tray, powder holder cups, 10 cm micro spatula, brush and tweezers.	L1860336	L1320280
Tablet Holder Kit for Motorized Stage For automated analysis of tablets. Comprises tablet holder baseplate, 11 mm, 15 mm and 22 mm tablet holder cups and disposable circular tablet mounts in 9 mm, 13 mm and 20 mm sizes.	L1860335	L1320278
Custom Tablet Molding Kit For analysis of non-circular tablets, includes tablet mold base, tablet mold and tablet setting pin 6 mm, tablet mold and tablet setting pin 4 mm, custom tablet molds resin kit, beaker 100 ml, 1 ml, 10 ml and 100 ml disposable syringes, syringe nozzle, 7.5 in spatula, No 6 large pencil brush. <i>Compatible with Tablet Holder Kit</i>	L1245025	L1245025
Multiwell Plate Holder for Motorized Microscope Stage Required for accommodating tablet and powder kits on Raman microscopes.		L1321675



Figure 1. Tablet Holder Plate for motorized stage.



Figure 3. Convenient tablet and powder kits, sample holders and accessories are available for the RamanMicro and Spotlight FT-IR Microscopes.



Figure 2. Powder Holder Plate with powder holder cups.

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