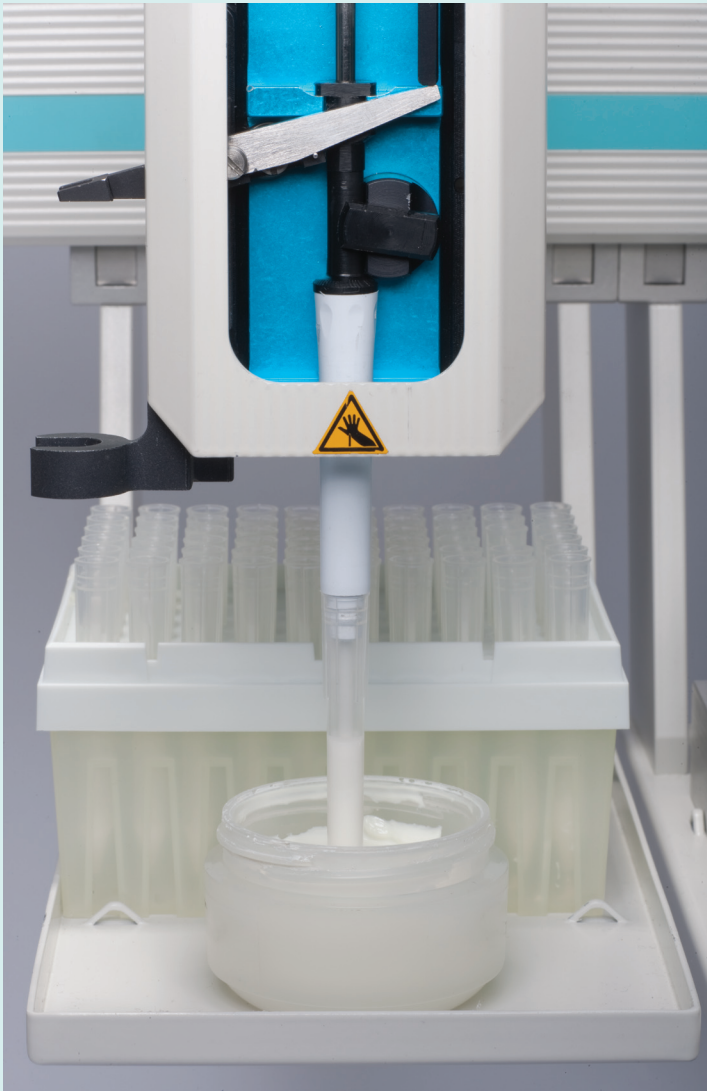


Semi-Solid PAL

Prepares Samples for Analysis



- Gels
- Pastes
- Creams
- Cosmetics
- Foods

Totally Hands Off

- Automated Processing of Difficult Samples
- Accurate Aliquoting with Gravimetric Dilution
- Re-Suspension and Filtration

For Samples with The Qualities of Both a Solid and a Liquid

Semi-Solid PAL

WORKFLOW

- Tare empty vials
- Dispense semi-solid to each vial with individual disposable tips
- Each vial is re-weighed and calculation and report of the net sample weight is created
- Values for sample ID, barcode, tare weight and sample weight are recorded in a text file
- Barcode validation is optional, if the codes do not match from the tare step to the weigh step, the sample is flagged in the output file
- Output file can be imported into the sample list of another PAL workstation which will use the sample ID and weight information to do an automatic proportional dilution and filtration step



Works in combination with analytical balance and vial gripper



Semi-Solids require a disposable positive displacement tip and an analytical balance in order to meter exact quantities into an empty vial.

Base System includes:

- Positive displacement tip adaptor
- Gripper tool
- Balance
- Agitator

Options include:

- Large volume dispensing tool for adding solvents
- Barcode reader

Powered by LEAP Shell Software

LEAP Shell - SEMI_SOLID

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User: admin

Views: Prep Run 1

	Time Stamp	Status	SampleID	Shell Method	SampleLocation	BarCode	TareWeight	Weight
1	2/23/2010 4:04:06 PM	Weighed	Preparation 1	Semi_Solid Prep	Samples:1	TS1194	16.1762	1.6442
2	2/23/2010 4:04:06 PM	Weighed	Preparation 2	Semi_Solid Prep	Samples:2	BC Not Read	15.7918	1.6000
3	2/23/2010 4:04:07 PM	Weighed	Preparation 3	Semi_Solid Prep	Samples:3	TS1231	15.2457	1.5030
4	2/23/2010 4:04:07 PM	Weighed	Preparation 4	Semi_Solid Prep	Samples:4	BC Not Read	15.0899	1.6574
5	2/23/2010 4:04:07 PM	Weighed	Preparation 5	Semi_Solid Prep	Samples:5	TS1219	15.7356	1.2946
6	2/23/2010 4:04:07 PM	Weighed	Preparation 6	Semi_Solid Prep	Samples:6	TS1196	25.5069	1.8929
7	2/23/2010 4:04:07 PM	Weighed	Preparation 7	Semi_Solid Prep	Samples:7	TS1197	14.8557	2.7153
8	2/23/2010 4:04:07 PM	Weighing	Preparation 8	Semi_Solid Prep	Samples:8	TS1195	21.2135	

Instruments:

- PAL: Running..
- Balance: Ready
- M50: Ready