**Operational Steps**

1. Select proper gauge depending on the range of particle size to be tested. Available gauges are for 0-25 microns and 0-50 microns.
2. Place the gauge on a clean and flat place.
3. Ensure that the channel of gauge is free from dust, fibers or any other contamination. Use a solvent to clean the channel.
4. Check the scrapper to be properly cleaned and free from scratches.
5. Place a drop of the material at the top of the channel with the help of a spatula.
6. Place the scrapper on the gauge above the drop of material. Make sure that the edge of scrapper is parallel to the edge of the gauge.
7. Drag the material down towards the bottom of the channel with the help of the scrapper. Pull scrapper straight and avoid sideways motion. Drag until the material reaches zero mark of the gauge.
8. Observe the layer of material in the channel. Scratches in this layer represent oversized particles. Only consider multiple scratches which continue till the end of the gauge.
9. Observe a reading on the scale at which most of the scratches start to appear. It would be the size of most of the particles present in the paste. Report the particle size of the paste to be below this reading.
10. Clean the gauge and scrapper well with appropriate solvent.
11. Replace the gauge and scrapper back into the case and store it back to its original place.

**Precautions**

After placing material on gauge, immediately drag it down to avoid dust particles accumulation.

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