

Detail Specification

Sl. no.	Name of Equipment	Specification																
1.	Sample Divider	<div><div><div>i. The body and inner parts are to be made up to copper and brass eliminating possibility of rust.</div><div>ii. The legs and supports are to be made up of chrome plated steel.</div><div>iii. The total height of the sample divider shall be 825 ± 10 mm.</div><div>iv. The sample divider consists of hopper which shall be of funnel shape. The height of the hopper shall be 135 ± 5 mm. The diameter of its opening at the top shall be 225 ± 5 mm.</div><div>v. The opening at the bottom of the hopper shall be 37 ± 1 mm. It shall be provided with a release valve of the sliding type, capable of moving with ease, below which shall be an inverted funnel projecting downwards over the sides of the cone, the point of which shall directly be under the centre of the opening.</div><div>vi. There shall be at least 36 pockets or openings around the base of the cone and to be supplied with two brass pans, the capacity of the each sample pan shall be one litre. The height of the pan shall be 85 ± 5 mm.</div></div></div>																
02	Digital Grain Caliper	IS:3651-1982-Pt-I, 1985-Pt-II & 1988-Pt-III Material used for manufacturing is either Aluminium of grade SIC (99 percent purity conforming to IS:737-1965)or Brass sheets of gradeCuZn 37 conforming to IS: 4101967.																
03	Rice Broken Separator	Sets comprising 3.5mm, 4 mm, 4.5mm, 5 mm ; size – 16 X 10 X 1 cm																
04	Sample scoop Set	<div><div><div><div>• IS:4333-(PartI)-1996(Reaffirmed 2001)</div><div>•</div></div><table><tr><th>Sl no.</th><th>Length (mm)</th><th>Breadth (mm)</th><th>Height (mm)</th></tr><tr><td>1</td><td>105</td><td>100</td><td>25</td></tr><tr><td>2</td><td>75</td><td>65</td><td>25</td></tr><tr><td>3</td><td>25</td><td>20</td><td>25</td></tr></table></div></div>	Sl no.	Length (mm)	Breadth (mm)	Height (mm)	1	105	100	25	2	75	65	25	3	25	20	25
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1	105	100	25															
2	75	65	25															
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05	Magnifying glass	With a handle of 7.5 cm length and having magnifications of 10X.																
06	Set of Sieves	<div><div>The following four IS Sieves of round holes shall be used (see IS 460 (part 1): 1985)</div><table><tr><th></th><th>IS Sieve</th></tr><tr><td>Top</td><td>4.00mm</td></tr><tr><td>Second from top</td><td>3.35mm</td></tr><tr><td>Third from top</td><td>1.70 mm</td></tr><tr><td>Fourth from top</td><td>1.00 mm</td></tr></table><div><div>*A solid bottom pan shall be used at the bottom.</div><div>** Solid Lid shall be used at the top to cover the sieve set .</div></div></div>		IS Sieve	Top	4.00mm	Second from top	3.35mm	Third from top	1.70 mm	Fourth from top	1.00 mm						
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