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| **Feature** | **Required Specification** |
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| **WORK TOPS** | |
| Material | Chemical and Heat resistant Epoxy Resin |
| Thickness | 19 mm or more |
| Color | Customized (pure white or green preferred) |
| Properties (Similar to following standard) | Test Method S.I |
| 1. Compressive Strength | ASTM D695 136.5 MPa |
| 2. Flexural Strength | ASTM D790 55.1 MPa |
| 3. Heat Distortion Temperature | ASTM D648 200°C |
| 4. Rockwell ‘M’ Hardness | ASTM D785 90 |
| 5. Fire Resistance | ASTM D635 Self Extinguishing |
| 6. Water Absorption | ASTM D570 0.022% |
| 7. Density | ASTM D792 1.95g/cm3 |
| Testing | Chemical Resistance Test to ASTM D3023 and ASTM C1376 |
| Chemical resistivity | No Detectable change in the material surface for Alcohols |
| Others | Certified Green Product |
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| **LABORATORY TABLE STRUCTURE** | |
| Material | 304 Stainless Steel (or better) |
| Stainless Steel thickness | ~ 2.0 mm |
| Coating | Should be Epoxy Powder Coated |
| Epoxy coated thickness | 70 microns or better |
| Adjustable levelling feet | Should be available |
| Work height of the table | 900 mm |
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| **UNDER BENCH CABINET, DRAWERS AND STORAGE CABINRTS** | |
| Sheet Material (interior) | polypropylene |
| Exterior | Should be Epoxy Powder Coated 304 stainless steel |
| Doors open | Should be more ~ 180 degrees |
| thickness | ~2 mm |
| Epoxy thickness | 70 microns or better |
| Double skinned doors and drawers | Should be available |
| Handles | 316 Stainless steel |
| Locks | Should be available |
| **SERVICE PANNEL** | |
| Sheet Material | polypropylene |
| Steel sheet thickness | 0.8 mm or better |
| Epoxy coated thickness | 70 microns or better |
| Adjustability | Adjustable and interchangeable |
| Gas taps and power sockets (Brass or coper) | Should be available at front place |
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| **LAB SINK** |  |
| Material | Polypropylene |
| Accessories | Laboratory bottle trap and laboratory sink waste and total drainage accessories |
|  |  |
| **WATER TAP** |  |
| Water Taps | Three way water taps |
| Material | Solid high quality brass |
| Joints | Joints are brazed using 40% silver |
| Valve & Handle | Ergonomically designed and injection molded in chemical resistant polypropylene |
| Color Standards | Accordance to DIN color code standards |
| Finishing | Epoxy powder coated |
| Color | White |
| Standards (Similar to) | BS EN 5412 |
|  | Salt Spray Test BS EN 248 |
|  | WELS Toxicity Test SS 375 |
|  | Metal Extraction AS/NZS 4020 |
|  |  |
| Manufacturer Authorization | Manufacturer AuthorizatA6:B67ion Letter should be submit |
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