

Technical Specification of Dual range Semi-Micro Analytical Balance

System should have maximum capacity 220g

System should have maximum capacity fine range of 82 g or better

Readability of the system should be minimum 0.1 mg or better readability fine range should be 0.01 mg

Nominal load repeatability of the system should be 0.08 mg or better

Low load repeatability should be 0.02 mg (20 g) or better

Nominal load repeatability fine range should be 0.05 mg or better

Low load Repeatability fine range 0.02 mg (20 mg) or better

Linearity deviation 0.2 mg or better

Sensitivity offset test weight 0.8 mg (200 g)

Nominal repeatability at nominal load 0.07 mg

Repeatability (at low load) 0.015 mg (20 g)

Linearity deviation (within 10 g) should be 0.02 mg

Minimum sample weight (acc. to USP) 45 mg

Settling time 4 s

Settling time fine range 8 s