



Minimum and Maximum Weights for Accuris Balances

Model Number	Readability (g)	Maximum Capacity	Minimum Measurable Weight (g)*	Minimum load based on USP (United States Pharmacopeia) standards, optimal conditions**.
W3101A-120	0.0001g	120g	2.0mg	82.0 mg
W3101A-220	0.0001g	220g	2.0mg	82.0 mg
W3002A-120	0.00001g	120g	1.0mg	8.2 mg
W3102A-220	0.0001g	220g	2.0mg	82.0 mg

Minimum and Maximum Weight for Accuris W3100, W3200, W3300 Series:

Model Number	Readability (g)	Maximum Capacity	Minimum Measurable Weight (g)*	minimum load based on USP (United States Pharmacopeia) standards, optimal conditions**.
W3100(A)-120	0.0001	120g	0.005 (5.0mg)	82.0 mg
W3100(A)-210	0.0001	210g	0.005 (5.0mg)	82.0 mg
W3200-120/320/500	0.001	120/320/500g	0.02	820 mg
W3200-1200/3200/5K	0.01	1200/3200/5000g	0.2	8.2g
W3300-120/300/500	0.01	120/300/500g	0.2	8.2g
W3300-1200/5K/10K	0.1	1200/5000/10000g	2	82g

*Minimum Measurable Weight is determined by testing at Benchmark Scientific. This value indicates that smallest weight value that can be detected and displayed when the weight is placed on the weigh pan.

**US Pharmacopeia defines the operating range of balances, including the minimum loads in their General Chapter <41>. Operating Range Starting Point values are provided using the balance in "Optimal" and "Typical" operating environments. See USP General Chapter <41> for additional details.