

12.2 Model-specific data

Data for the AX balances

| | AX26 Comparator | AX26DR | AX205 | AX205DR | AX105DR |
|---------------------------------------|----------------------------|-------------------|-------------------|-------------------|-------------------|
| Readability | | | | | |
| In fine range | 1 µg | 2 µg | 0.01 mg | 0.01 mg | 0.01 mg |
| In coarse range | — | 0.01 mg | — | 0.1 mg | 0.1 mg |
| Maximum load | | | | | |
| In fine range | 22 g | 3 g | 220 g | 81 g | 31 g |
| In coarse range | — | 21 g | — | 220 g | 110 g |
| Taring range | 0..22 g | 0..21 g | 0..220 g | 0..220 g | 0..110 g |
| Repeatability | | | | | |
| At full load | 2 µg | 4 µg | 0.03 mg | 0.04 mg | 0.04 mg |
| In range 0..60 g | — | — | 0.015 mg | 0.015 mg | 0.015 mg |
| Linearity | | | | | |
| Over the entire range | ±6 µg | ±8 µg | ±0.1 mg | ±0.15 mg | ±0.15 mg |
| Within 500 mg | ±4 µg | ±6 µg | ±0.08 mg | ±0.08 mg | ±0.08 mg |
| Within 10 g | — | — | ±0.03 mg | ±0.03 mg | ±0.03 mg |
| Stabilization time | | | | | |
| Typical | 14 .. 18 s | 10 .. 14 s | 8 .. 12 s | 2 .. 5 s | 2 .. 5 s |
| In fine range | — | 14 .. 18 s | — | 8 .. 12 s | 8 .. 12 s |
| Adjusting weights | | | | | |
| Number of built-in weights | 2 | 2 | 2 | 2 | 2 |
| External weights | Selectable | Selectable | Selectable | Selectable | Selectable |
| Sensitivity | | | | | |
| Temperature drift (10..30°C) | ±1.0 ppm/°C | ±1.0 ppm/°C | ±1.0 ppm/°C | ±1.0 ppm/°C | ±1.0 ppm/°C |
| Long-term stability (proFACT) | ±1.0 ppm/year | ±1.0 ppm/year | ±1.0 ppm/year | ±1.0 ppm/year | ±1.0 ppm/year |
| Separation cell/electronics | Optional (SE kit) | Optional (SE kit) | Optional (SE kit) | Optional (SE kit) | Optional (SE kit) |
| Dimensions | | | | | |
| Balance (WxDxH) [mm] | 241x505x293 | 241x505x293 | 241x505x293 | 241x505x293 | 241x505x293 |
| Weighing pan [mm] | Ø 28 mm | Ø 32 mm | 80x80 | 80x80 | 80x80 |
| Effective height of draft shield [mm] | 240 | 240 | 240 | 240 | 240 |