

| Weights for routine testing |         |                   |                 |                  |
|-----------------------------|---------|-------------------|-----------------|------------------|
| OIML CarePac                |         | 200 g F2, 10 g F2 | 50 g F2, 2 g E2 | 100 g F2, 5 g E2 |
|                             | Weights | #11123001         | #11123003       | #11123002        |
| ASTM CarePac                |         | 200 g 1, 10 g 1   | 50 g 1, 2 g 1   | 100 g 1, 5 g 1   |
|                             | Weights | #11123101         | #11123103       | #11123102        |

sd = Standard deviation

<sup>1)</sup> According to OIML R76

<sup>2)</sup> In the temperature range 10 ... 30 °C

<sup>3)</sup> After putting into operation for the first time, with the self-adjustment function activated (ProFACT or FACT)

More detailed information is in the Operating Instructions on the CD-ROM.

|                                                  |         | XS204              | XS204DR            | XS304              |
|--------------------------------------------------|---------|--------------------|--------------------|--------------------|
| <b>Limit values</b>                              |         |                    |                    |                    |
| Maximum capacity                                 |         | 220 g              | 220 g              | 320 g              |
| Readability                                      |         | 0.1 mg             | 1 mg               | 0.1 mg             |
| Tare range (from...to)                           |         | 0 ... 220 g        | 0 ... 220 g        | 0 ... 320 g        |
| Maximum capacity in fine range                   |         | –                  | 81 g               | –                  |
| Readability in fine range                        |         | –                  | 0.1 mg             | –                  |
| Repeatability (at nominal load)                  | sd      | 0.1 mg (200 g)     | 0.7 mg (200 g)     | 0.2 mg (300 g)     |
| Repeatability (at low load)                      | sd      | 0.07 mg (10 g)     | 0.5 mg (10 g)      | 0.12 mg (10 g)     |
| Repeatability in fine range (at low load)        | sd      | –                  | 0.1 mg (10 g)      | –                  |
| Linearity deviation                              |         | 0.2 mg             | 1 mg               | 0.4 mg             |
| Eccentricity deviation (test load) <sup>1)</sup> |         | 0.3 mg (100 g)     | 0.3 mg (100 g)     | 0.3 mg (100 g)     |
| Sensitivity offset (test weight)                 |         | 1 mg (200 g)       | 1 mg (200 g)       | 1.5 mg (300 g)     |
| Sensitivity temperature drift <sup>2)</sup>      |         | 0.00015%/°C        | 0.00015%/°C        | 0.00015%/°C        |
| Sensitivity stability <sup>3)</sup>              |         | 0.0002%/a          | 0.0002%/a          | 0.0002%/a          |
| <b>Typical values</b>                            |         |                    |                    |                    |
| Repeatability (at low load)                      | sd      | 0.04 mg (10 g)     | 0.4 mg (10 g)      | 0.06 mg (10 g)     |
| Repeatability in fine range (at low load)        | sd      | –                  | 0.04 mg (10 g)     | –                  |
| Linearity deviation                              |         | 0.1 mg             | 0.2 mg             | 0.1 mg             |
| Eccentricity deviation (test load) <sup>1)</sup> |         | 0.08 mg (100 g)    | 0.08 mg (100 g)    | 0.1 mg (100 g)     |
| Sensitivity offset (test weight)                 |         | 0.4 mg (200 g)     | 0.4 mg (200 g)     | 0.4 mg (300 g)     |
| Minimum weight (according to USP)                |         | 82 mg              | 820 mg             | 120 mg             |
| Minimum weight (according to USP) in fine range  |         | –                  | 82 mg              | –                  |
| Minimum weight (U=1%, k=2)                       |         | 8.2 mg             | 82 mg              | 12 mg              |
| Minimum weight (U=1%, k=2) in fine range         |         | –                  | 8.2 mg             | –                  |
| Settling time                                    |         | 1.5 s              | 1.5 s              | 1.5 s              |
| Settling time in fine range                      |         | –                  | 1.5 s              | –                  |
| Interface update rate                            |         | 23 1/s             | 23 1/s             | 23 1/s             |
| Usable height of draft shield                    |         | 235 mm             | 235 mm             | 235 mm             |
| Weight of balance                                |         | 9.1 kg             | 9.1 kg             | 9.1 kg             |
| Number of built-in reference weights             |         | 2                  | 2                  | 2                  |
| <b>Dimensions</b>                                |         |                    |                    |                    |
| Balance dimensions (W × D × H)                   |         | 263 × 453 × 322 mm | 263 × 453 × 322 mm | 263 × 453 × 322 mm |
| Weighing pan dimensions                          |         | 78 × 73 mm (W × D) | 78 × 73 mm (W × D) | 78 × 73 mm (W × D) |
| <b>Weights for routine testing</b>               |         |                    |                    |                    |
| OIML CarePac                                     |         | 200 g F2, 10 g F1  | 200 g F2, 10 g F1  | 200 g F2, 10 g F1  |
|                                                  | Weights | #11123001          | #11123001          | #11123001          |
| ASTM CarePac                                     |         | 200 g 1, 10 g 1    | 200 g 1, 10 g 1    | 200 g 1, 10 g 1    |
|                                                  | Weights | #11123101          | #11123101          | #11123101          |

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<sup>1)</sup> According to OIML R76

<sup>2)</sup> In the temperature range 10 ... 30 °C