

OIML Certificate of Conformity

OIML Member State The Netherlands Number R61/2004-NL1-16.03 Project number 14200070 Page 1 of 2

| Issuing authority | NMi Certin B.V. Person responsible: C. Oo | • • • • • • • • | | | |
|--|--|--|---------------------|-----------------|--|
| Applicant | Yamato Scale GmbH Hanns-Martin-Schlever-St | + + + + + + + + + + + + + + + + + + + | | | |
| | D-47877 Willich 1 Germany | * * * * * * * * | | | |
| Manufacturer | Yamato Scale Co., Ltd. | | | | |
| | 5 – 22 Saenba-cho Akashi, 673-8688 Japan | | | | |
| + + + + + + + + + + | | | | | |
| Identification of the certified type | An Automatic gravime t Type | | nent)W-A | | |
| Characteristics | See next page | | | | |
| | | | | | |
| + identified in the OIML | the conformity of the abov Test Report) with the requi ation of Legal Metrology (O | rements of the fol | | | |
| | OIML R61 - Edition 2004 | (E) for accuracy cla | ss Ref(1) | | |
| instrument covered by | only to the metrological an the relevant OIML Internat ot bestow any form of legal | ional Recommenda | ation above-ider | | |
| OIML Member State in | from the mention of the Co which the Certificate was i est Report(s) is not permitte | ssued, partial quot | ation of the Cer | tificate and of | |
| | | | | | |
| | | | | | |
| Issuing Authority | NMi Certin B.V., OIML I 12 April 2016 | ssuing Authority | NL1 + + + + | | |
| | the | | | | |
| | C. Oosterman Head Certification Board | | | | |
| | | | | | |
| | | | | | |
| NMi Certin B.V. Hugo de Grootplein 1 3314 EG Dordrecht the Netherlands T +31 78 6332332 certin@nmi.nl www.nmi.nl | This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability. The notification of NMi Certin B.V. as Issuing Authority can be verified at www.oiml.org | Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NM (see www.nmi.nl). | ΟΊ Μ | IL REAL 122 | |



OIML Certificate of Conformity

OIML Member State The Netherlands Number R61/2004-NL1-16.03 Project number 14200070 Page 2 of 2

| selective combination weighingRef (1)operational accuracy class X(x) determined at the time of putting into useremperature range-10 °C / +40 °CMaximum capacityMax \leq 500 gMinimum capacityMin \geq 50 gJumber of scale intervalsn \leq 3000Jumber of load receptors \geq 8rower supply voltage200 – 240 V AC 50/60 Hzoftware dentificationmeasurement electronics controller PC / PLCA-ADVMine Software moduleChecksumAverage number of loads per fill:YSoftware VERSION"Average number of loads per fill:Accuracy class:X(1)X(2) d [g]Minfill [g]Minfill [g]Minfill [g] | selective combination weighingReference accuracy classRef (1) operational accuracy class X(x) determined at the time of putting into useTemperature range $-10 \circ C / +40 \circ C$ Maximum capacityMax $\leq 500 \text{ g}$ Minimum capacityMin $\geq 50 \text{ g}$ Number of scale intervals $n \leq 3000$ Number of load receptors ≥ 8 Power supply voltage $200 - 240 \lor AC 50/60 \mathrel Hz$ Softwaremeasurement electronicsA-ADV603400E8identification $A-ADV$ controller PC / PLCA-SUBController PC / PLCRCU920Accuracy class:X(1)X(2)d [g]Minfill [g]Minfill [g]0,150,00,2184,80,51386,5346,5346,511<000000000000000000000000000000000000 | /lethod of operat | of the automa | | | + + | | | - | ive w | /eig | hine | + + | * * | • • | + | + | |
|---|---|---------------------------------------|---------------|----------------|--|--------|------|--------|-----|-------|------|------|--------|-------|-----|---|---|---|
| operational accuracy class X(x) determined at the time of putting into useremperature range-10 °C / +40 °CAaximum capacityMax ≤ 500 gAinimum capacityMin ≥ 50 gJumber of scale intervalsn ≤ 3000 Jumber of load receptors ≥ 8 rower supply voltage200 - 240 V AC 50/60 Hzoftware dentificationmeasurement electronicsA-ADV603400E8controller PC / PLCA-SUBOrgono for the probability of | operational accuracy class X(x) determined at the time of putting into useTemperature range $-10 \circ C / +40 \circ C$ Maximum capacityMax $\leq 500 \circ g$ Minimum capacityMin $\geq 50 \circ g$ Number of scale intervals $n \leq 3000$ Number of load receptors ≥ 8 Power supply voltage $200 - 240 \lor AC 50/60 Hz$ Software identificationmeasurement electronicsA-ADV603400E8Controller PC / PLCA-SUBRated minimum fill (Minfill):Average number of loads per fill:4Accuracy class:X(1)X(1)X(2)d [g]Minfill [g]Minfill [g]Minfill [g]0,150,00,21386,5127731387 | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | | | | |
| Aaximum capacity Max $\leq 500 \text{ g}$ Ainimum capacity Min $\geq 50 \text{ g}$ Jumber of scale intervals n ≤ 3000 Jumber of load receptors ≥ 8 Power supply voltage 200 – 240 V AC 50/60 Hz Software module Checksum oftware dentification measurement electronics A-ADV 603400E8 controller PC / PLC A-SUB 027E13D8 controller PC / PLC A-SUB 027E13D8 isplay by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" Kated minimum fill (Minfill): Average number of loads per fill: 4 1000000000000000000000000000000000000 | Maximum capacityMax $\leq 500 \text{ g}$ Minimum capacityMin $\geq 50 \text{ g}$ Number of scale intervalsn ≤ 3000 Number of load receptors ≥ 8 Power supply voltage200 – 240 V AC 50/60 HzSoftware dentificationmeasurement electronicsA-ADV603400E8controller PC / PLCA-SUBController PC / PLCA-SUBObjecting: "TROUBLE SHOOTING", "SOFTWARE VERSION"Rated minimum fill (Minfill):Average number of loads per fill:4Accuracy class:X(1)X(1)X(2)d [g]Minfill [g]0,150,00,2184,8127731387 | eference accurac | y class | · · · · · · | operational accuracy class X(x) determined at the time | | | | | | | | | | | | | |
| Alinimum capacity Min \geq 50 g Aumber of scale intervals n \leq 3000 Jumber of load receptors \geq 8 Power supply voltage 200 - 240 V AC 50/60 Hz Software module Checksum oftware measurement electronics A-ADV 603400E8 controller PC / PLC A-SUB 027E13D8 027E13D8 controller PC / PLC RCU920 4 027E13D8 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" Rated minimum fill (Minfill): Average 4 number of 4 loads per fill: X(1) Accuracy class: X(1) 0,1 50,0 0,2 184,8 0,5 1386,5 0,5 1386,5 | Minimum capacityMin \geq 50 gNumber of scale intervalsn \leq 3000Number of load receptors \geq 8Power supply voltage200 - 240 V AC 50/60 HzSoftware identificationmeasurement electronicsA-ADV603400E8controller PC / PLCA-SUB027E13D8027E13D8controller PC / PLCRCU9204C2C3174Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION"Rated minimum fill (Minfill):Average number of loads per fill:Accuracy class:X(1)X(1)X(2)d [g]Minfill [g]Minfill [g]Minfill [g]0,150,00,2184,80,51386,5127731387 | emperature rang | e | | -10 °C / +40 °C | | | | | | | | | | | | | |
| Aumber of scale intervals n \leq 3000 Aumber of load receptors \geq 8 Power supply voltage 200 – 240 V AC 50/60 Hz Software module Checksum oftware measurement electronics A-ADV dentification measurement electronics A-ADV 603400E8 controller PC / PLC A-SUB 027E13D8 controller PC / PLC RCU920 4C2C3174 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" tated minimum fill (Minfill): 4 Average 4 number of 4 loads per fill: X(1) 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | Number of scale intervals $n \le 3000$ Number of load receptors ≥ 8 Power supply voltage $200 - 240 \lor AC 50/60 Hz$ Software identificationmeasurement electronicsA-ADV603400E8controller PC / PLCA-SUB027E13D8controller PC / PLCRCU9204C2C3174Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION"Rated minimum fill (Minfill):Average number of loads per fill:Accuracy class:X(1)X(1)X(2)d [g]Minfill [g]Minfill [g]0,150,00,2184,850,00,51386,5127731387 | Aaximum capacity | / | | Max ≤ 500 g | | | | | | | | | | | | | |
| Aumber of load receptors ≥ 8 Power supply voltage 200 – 240 V AC 50/60 Hz Software module Checksum oftware measurement electronics A-ADV 603400E8 dentification measurement electronics A-ADV 603400E8 Controller PC / PLC A-SUB 027E13D8 RCU920 4C2C3174 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" Rated minimum fill (Minfill): Average number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | Number of load receptors ≥ 8 Power supply voltage $200 - 240 \lor AC 50/60 Hz$ Software moduleChecksumSoftware moduleChecksumMumber of identificationmeasurement electronicsA-ADVGontroller PC / PLCA-SUB027E13D8RCU9204C2C3174Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION"Rated minimum fill (Minfill):Average number of loads per fill:4Accuracy class:X(1)X(2)d [g]Minfill [g]Minfill [g]0,150,050,00,21386,5346,5127731387 | /linimum capacity | · + + + + + | | | | | | | | | | | | | | | |
| Power supply voltage $200 - 240 \text{ V AC 50/60 Hz}$ oftware dentification measurement electronics A-ADV 603400E8 dentification controller PC / PLC A-SUB 027E13D8 controller PC / PLC A-SUB 027E13D8 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" 4C2C3174 Average number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | Power supply voltage 200 – 240 V AC 50/60 Hz Software module Checksum Gottware dentification measurement electronics A-ADV 603400E8 Controller PC / PLC A-SUB 027E13D8 RCU920 4C2C3174 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" Rated minimum fill (Minfill): Average number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | lumber of scale in | itervals + | | + + | + + | + 4 | + | 'n | < 300 |)0+ | + | + | + + | + + | + | + | |
| oftware dentificationmeasurement electronicsSoftware moduleChecksumMeasurement electronicsA-ADV603400E8controller PC / PLCA-SUB027E13D8RCU9204C2C3174Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION"Average number of loads per fill:Accuracy class:X(1)X(2)d [g]Minfill [g]Minfill [g]0,150,050,00,2184,850,00,51386,5346,5 | Software identification measurement electronics A-ADV 603400E8 Measurement electronics A-ADV 603400E8 Controller PC / PLC A-SUB 027E13D8 RCU920 4C2C3174 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" Rated minimum fill (Minfill): Average number of loads per fill: Accuracy class: X(1) X(1) X(2) d [g] Minfill [g] Minfill [g] Minfill [g] 0,1 50,0 0,2 184,8 1 2773 | lumber of load re | ceptors | | + + | + + | + - | + | + | ≥ 8 | + | + | + | + + | + | + | + | _ |
| oftware dentificationmeasurement electronicsA-ADV603400E8Controller PC / PLCA-SUB027E13D8RCU9204C2C3174Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION"Rated minimum fill (Minfill):Average number of loads per fill:Accuracy class:X(1)X(1)X(2)d [g]Minfill [g]Minfill [g]Minfill [g]0,150,00,2184,850,0346,50,51386,50,51386,50,51386,50,51386,50,51386,50,51386,5 | Measurement electronics A-ADV 603400E8 Controller PC / PLC A-SUB 027E13D8 RCU920 4C2C3174 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" Rated minimum fill (Minfill): Average number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | ower supply volta | age | · · · · · · | | + + | 20 |)0 – 2 | 240 | V AC | 50/ | /60 | Hz | | | + | - | |
| A-SUB 027E13D8 controller PC / PLC RCU920 4C2C3174 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" A-SUB 027E13D8 Lated minimum fill (Minfill): A-SUB 027E13D8 Average number of loads per fill: A A Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | A-SUB 027E13D8 controller PC / PLC RCU920 4C2C3174 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" Accuracy class: X(1) Average number of loads per fill: 4 Accuracy class: X(1) Accuracy class: X(1) X(2) Accuracy class: X(1) 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | | + + + + + | | Sc | oftwar | e mo | dule | + | + + | + | + | Ch | ecksı | um | + | + | |
| Controller PC / PLC RCU920 4C2C3174 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" Accuracy class: X(1) Average number of loads per fill: 4 Accuracy class: X(1) Accuracy class: X(1) X(2) Ainfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 346,5 4 4 | Average number of loads per fill: X(2) Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 50,0 1 2773 1387 | | measuremen | t electronics | + + | + A | ADV | + | + | + + | + | + | 60 | 3400 | E8 | + | + | _ |
| RCU920 4C2C3174 Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION" Atted minimum fill (Minfill): Average number of loads per fill: Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | RCU9204C2C3174Display by selecting: "TROUBLE SHOOTING", "SOFTWARE VERSION"Rated minimum fill (Minfill):Average number of loads per fill:Accuracy class:X(1)X(1)X(2)d [g]Minfill [g]Minfill [g]0,150,00,2184,850,00,51386,5346,5127731387 | | | | + + | A- | SUB | + | + | + + | + | * | 027 | 7E13 | D8 | + | + | |
| Average number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | Average number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 1 2773 1387 | | | | + + | RC | J920 | 4 | + | + + | 4 | + | 4C | 2C31 | 74 | + | + | |
| Average number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | Average number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | isplay by selectin | g: "TROUBLE S | SHOOTING", | "SOFT\ | NARE | VERS | ION | "+ | + + | + | ÷ | + | + | + + | + | + | |
| Average number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | Average number of loads per fill: A Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | | | | | | | | | | | | | | | | | |
| number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | number of loads per fill: 4 Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | ated minimum fi | ll (Minfill): | | • • • | | | | | | | | | | | | | |
| loads per fill: X(1) X(2) Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | loads per fill: X(1) X(2) Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | | * * * * * | | · + + | | | | | | | | | | | | | |
| Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | Accuracy class: X(1) X(2) d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | | + + + + + | 4 + + + + | + + | | | | | | | | | | | | | |
| d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | d [g] Minfill [g] Minfill [g] 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | | X(1) | X(2) | + + | | | | | | | | | | | | | |
| 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 | 0,1 50,0 50,0 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | * * * * * * | | * * * * | + + | | | | | | | | | | | | | |
| 0,2 184,8 50,0 0,5 1386,5 346,5 | 0,2 184,8 50,0 0,5 1386,5 346,5 1 2773 1387 | T T T | | | + + | | | | | | | | | | | | | |
| 0,5 1386,5 346,5 | 0,5 1386,5 346,5 1 2773 1387 | + + 0,1 + + | | | + + | | | | | | | | | | | | | |
| | 1 2773 1387 | | <u> </u> | + + + + | + + | | | | | | | | | | | | | |
| | | 0,2 | 1386.5 | | + + | | | | | | | | | | | | | |
| * * * 2 * * * 5546 * 2774 * * * * * * * * * * * * * * * * * * | $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 0,2 | | 1387 | | | | | | | | | | | | | | |
| + + + + + + + + + + + + + + + + + + + | | 0,2 0,5 1 | 2773 | | · + + | | | | | | | | | | | | | |
| | | 0,2 0,5 1 | 2773 | | | | | | | | | | | | | | | |
| | | 0,2 0,5 1 | 2773 | | | | | | | | | | | | | | | |
| | | 0,2 0,5 1 | 2773 | | | | | | | | | | | | | | | |