



Weights Limited
27 Acacia Close, Cherrycourt Way
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LU7 4QE

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www.weightstld.co.uk

Certificate Number **49410**

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Total Laboratory Services Limited
Unit 14C
Sunrise Business Park
Blandford Forum
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DT11 8ST

CERTIFICATE OF CALIBRATION

We hereby certify that the four stainless steel weights 50g – 5g in set W10600 have been calibrated to fall within O.I.M.L. class F₁ tolerance.

Nominal Value	Measured Value g	Uncertainty +/- mg on UKAS Weights
50 g	49.999 98	0.03
20 g	20.000 24	0.025
10 g	10.000 11	0.020
5 g	5.000 06	0.016

The measured values reported in this certificate were determined by comparison weighing methods against our laboratory's reference standards with a hypothetical density of 8000 kg/m³ which in air of density 1.2kg/m³ would balance the nominal weight.

Traceability to National Standards is established by comparison to WEIGHTS standard class E₂ weight set number 988 certified on UKAS certificate number UR2388. Date of issue 5th November 2025 by Norfolk Calibration Services. UKAS calibration number 0260.

Recommended Recalibration - August 2027.

Why should recalibration be carried out? Recalibration of test equipment is a major requirement for quality management systems. All test weights vary with time due to wear and the collection of grime. The extreme of weight change varies with the environment the weights are used in, consequently periodic recalibration at regular intervals is required.

Signed



Directors: Simon Fenton, Leley Fenton, Karen Fenton
VAT Number: GB 183 2325102
Registered in England & Wales, Company 4797421
Registered Office: Investment House, 24 Vicarage Road, Winslow, Bucks MK18 3BE

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OIML +/- maximum permissible tolerance on calibration weights

Nominal Value	Class E1 mg	Class E2 mg	Class F1 mg	Class F2 mg	Class M1 mg	Class M2 mg
50kg	25	80	250	800	2,500	8,000
20kg	10	30	100	300	1,000	3,000
10kg	5.0	16	50	160	500	1,600
5kg	2.5	8.0	25	80	250	800
2kg	1.0	3.0	10	30	100	300
1kg	0.5	1.6	5.0	16	50	160
500g	0.25	0.8	2.5	8.0	25	80
200g	0.10	0.3	1.0	3.0	10	30
100g	0.05	0.16	0.5	1.6	5.0	16
50g	0.03	0.10	0.3	1.0	3.0	10
20g	0.025	0.08	0.25	0.8	2.5	8.0
10g	0.020	0.06	0.20	0.6	2.0	6.0
5g	0.016	0.05	0.16	0.5	1.6	5.0
2g	0.012	0.04	0.12	0.4	1.2	4.0
1g	0.010	0.03	0.10	0.3	1.0	3.0
500mg	0.008	0.025	0.08	0.25	0.8	2.5
200mg	0.006	0.020	0.06	0.20	0.6	2.0
100mg	0.005	0.016	0.05	0.16	0.5	1.6
50mg	0.004	0.012	0.04	0.12	0.4	-
20mg	0.003	0.010	0.03	0.10	0.3	-
10mg	0.003	0.008	0.025	0.08	0.25	-
5mg	0.003	0.006	0.020	0.06	0.20	-
2mg	0.003	0.006	0.020	0.06	0.20	-
1mg	0.003	0.006	0.020	0.06	0.20	-

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