

# OIML Mass & Weight Sets

Calibration Service from 1 mg to 1 ton



## Weight Sets

Stainless steel, E2,F1,F2 and M1 weight sets in different combinations, protection in fit and durable aluminum boxes.



## Calibration Service

BAYKON Mass Laboratory has accredited from E2 class 1 mg to M1 class 1000 kg by TÜRKAK which has multilateral agreement with EAC (European Co-Operation For Accreditation).



High quality BAYKON mass and weight sets, can fulfill your demand from 1 mg E2 up to 1 ton M3 OIML classes. You can take all service related with your mass as calibration service and accredited certificates.

BAYKON Mass Laboratory, has TÜRKAK accreditation according to ISO/IEC 17025 standards. BAYKON calibration certificates, are available all Europe countries due to agreement (MLA) between TÜRKAK and EUROPEAN CO-OPERATION FOR ACCREDITATION.

**BAYKON**  
Industrial Weighing Systems

# OIML E<sub>2</sub>, F<sub>1</sub> & M<sub>1</sub> CLASS

## Mass and Weight Sets



Sheet Weights  
1 mg – 500 mg



Knob Weights  
1g–20kg



Material : Stainless Steel  
 Density : E<sub>2</sub> – 7,9 gr/cm<sup>3</sup>  
           F<sub>1</sub>, F<sub>2</sub>, M<sub>1</sub> – 7,9 gr/cm<sup>3</sup>  
 Magnetic Density : E<sub>2</sub> < 0,005  
                       F<sub>1</sub>, F<sub>2</sub>, M<sub>1</sub> < 0,05  
 Magnetization : E<sub>2</sub> ≤ 8μT  
                       F<sub>1</sub> ≤ 25μT ; F<sub>2</sub> ≤ 80μT  
 Box : 1 mg – 200 g plastic  
       500 g – 20 kg aluminum

WEIGHT SETS									
Set Contents	1mg 500 mg	1mg 100 g	1mg 200 g	1mg 500 g	1g 200 g	1g 500 g	1g 1kg	1g 2kg	1g 10 kg
1 mg	•	•	•	•					
2mg	••	••	••	••					
5mg	•	•	•	•					
10 mg	•	•	•	•					
20 mg	••	••	••	••					
50 mg	•	•	•	•					
100 mg	•	•	•	•					
200 mg	••	••	••	••					
500 mg	•	•	•	•					
1g		•	•	•	•	•	•	•	•
2g		••	••	••	••	••	••	••	••
5g		•	•	•	•	•	•	•	•
10g		•	•	•	•	•	•	•	•
20g		••	••	••	••	••	••	••	••
50g		•	•	•	•	•	•	•	•
100 g			•	•	•	•	•	•	•
200 g			••	••	••	••	••	••	••
500 g				•		•	•	•	•
1kg							•	•	•
2kg								••	••
5kg									•
10 kg									•



### ACCESSORIES



Tweezers



Weight Handle



Weight Fork



Nylon Glove



Brush

# OIML M<sub>1</sub>, M<sub>2</sub> & M<sub>3</sub> CLASS

## Masses and Weight Baskets



Stainless 2Cr13  
5kg – 10kg – 20kg



- GMP and HACCP compatible for hygienic areas
- Easy transportation and quick calibration with calibrated stainless steel

### Iron Weights



Cast Iron  
5kg–10kg–20kg–50kg



500kg



1000kg

### Error Tolerances according to OIML R111

Nominal Value	E1 ±mg	E2 ±mg	F1 ±mg	F2 ±mg	M1 ±mg	M2 ±mg	M3 ±mg
1 mg	0,003	0,006	0,02	0,06	0,2		
2 mg	0,003	0,006	0,02	0,06	0,2		
5 mg	0,003	0,006	0,02	0,06	0,2		
10 mg	0,003	0,008	0,025	0,08	0,25		
20 mg	0,003	0,01	0,03	0,1	0,3		
50 mg	0,004	0,012	0,04	0,12	0,4		
100 mg	0,005	0,016	0,05	0,16	0,5	1.6	
200 mg	0,006	0,02	0,06	0,2	0,6	2.0	
500 mg	0,008	0,025	0,08	0,25	0,8	2.5	
1 g	0,01	0,03	0,1	0,3	1.0	3.0	10
2 g	0,012	0,04	0,12	0,4	1.2	4.0	12
5 g	0,016	0,05	0,16	0,5	1.6	5.0	16
10 g	0,02	0,06	0,2	0,6	2.0	6.0	20
20 g	0,025	0,08	0,25	0,8	2.5	8.0	25
50 g	0,03	0,1	0,3	1.0	3.0	10	30
100 g	0,05	0,16	0,5	1.6	5.0	16	50
200 g	0,1	0,3	1.0	3.0	10	30	100
500 g	0,25	0,8	2.5	8.0	25	80	250
1 kg	0,5	1.6	5.0	16	50	160	500
2 kg	1.0	3.0	10	30	100	300	1000
5 kg	2.5	8.0	25	80	250	800	2500
10 kg	5.0	16	50	160	500	1600	5000
20 kg	10	30	100	300	1000	3000	10000
50 kg	25	80	250	800	2500	8000	25000
100 kg		160	500	1600	5000	16000	50000
200 kg		300	1000	3000	10000	30000	100000
500 kg		800	2500	8000	25000	80000	250000
1000 kg		1600	5000	16000	50000	160000	500000
2000 kg			10000	30000	100000	300000	1000000
5000 kg			25000	80000	250000	800000	2500000

# BAYKON Mass Laboratory

BAYKON Scale and Mass Calibration Laboratory is the first laboratory in Turkey which accredited by TÜRKAK, a member of European Co-operation for Accreditation (EA) according to ISO 17025.

Our mass laboratory covers from E2 class 1 mg to M2 class 1000 kg mass calibration which has the widest range in private laboratories in Turkey.

BAYKON is your competent partner for all questions related metrology.



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