OIML Weights





Milligram weights Assorted Calibration Weights - F1 class



Application

Weights intended for use in the verification or calibration of class F2 weights and for use with weighing instruments of special accuracy class I and high accuracy class II.

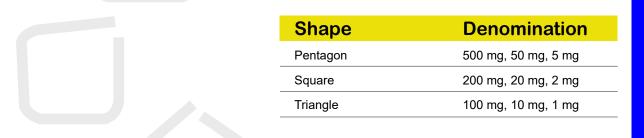
Appropriate for calibrating high-precision balances (number of counts between 30001 to 100000, n = max capacity / d).



Calibration Weights

Technical Specifications				
Brand	NSTAR			
Model	As shown in table			
Class	OIML F1			
Shape	Wire type			
Material	Highgrade stainless steel (Density 7.95 ± 0.03 g/cm			
Cavity	Monoblock construction, No adjustable cavity			
Surface	Highly polished mirror finish			
Magnetic Properties	Maximum magnetic polarization, $\mu_0 M$, $(\mu T) < 25$			
Contents of Weights	1-2-5-10-20-50-100-200-500 mg			
Marking	No denomination marking on test weights			
Standards	OIML R-111, 2004 (E)			
Certificate	NABL accredited certificate - 1 year validity			





Dimensions			
Plastic storage case			
40 x 40 x 55 mm (L x W x H)			
upto 500 mg			
1			
70 g			
Corrugated boxes			





Calibration Weights

Tolerance and Uncertainties

Model	Capacity	Tolerance# (mg)	Uncertainty* (mg)
NC-001-F1-SS	1 mg	0.020	0.0010
NC-002-F1-SS	2 mg	0.020	0.0010
NC-005-F1-SS	5 mg	0.020	0.0010
NC-010-F1-SS	10 mg	0.025	0.0010
NC-020-F1-SS	20 mg	0.030	0.0010
NC-050-F1-SS	50 mg	0.040	0.0013
NC-100-F1-SS	100 mg	0.050	0.0016
NC-200-F1-SS	200 mg	0.060	0.0020
NC-500-F1-SS	500 mg	0.080	0.0026

NSTAR Corp is offering assured 1/3rd uncertainty to the MPE for OIML F1 class weights.



[#] Maximum Permissible Errors (MPE) as per OIML R-111

^{*} Accredited CMC of Precimass LLP (CC-3213)



India

NSTAR CORP 34, Pelican Estate, Road No. 5, Kathwada GIDC, Kathwada, Ahmedabad - 382430, **Gujarat**



www.calibrationweights.in



+91 7567 222 900



sales@calibrationweights.in

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