

Sand Density Cone Apparatus

Make: LabTek

Model: SUN-SL-020

Origin: India

Standards: BS 1377:2 | UNE 7002 | UNE 7377 | UNI 10014 |

NF P94-052-1, AASHTO T191 CNR N. 22 NF P94-061-3 ASTM D1556

The sand density cone apparatus is used to determine the in-situ density of fine grained compacted soil and verify the degree of compaction.

The apparatus consists of:

SUN-SL-014-05 Metal double cone assembly with valve, galvanized for rust protection

SUN-SL-014-06 Metal base with rimmed centre hole for cone housing, galvanized

🍏 V121 N° 2 Plastic jar, 5 litre capacity

All parts can be purchased individually. The calibrating container is an accessory, to be ordered separately (SUN-SL-014-01).

🍏 Diameter: 6.5" (165.1 mm)

🍏 Dimensions: 305x305x600 mm

🍏 Weight: 3.350 Kg



Standard Proctor Moulds and Rammers

Make: LabTek

Model: SUN-SL-022

Origin: India

Standards: ASTM D 698 , D 1557, D 558 | AASHTO T 99, T180, T 134 |

EN 12386-2, 13286-4 | BS 1377:4,1924:2

Standard Proctor Moulds are used for determining the moisture content and density of compacted soil. These are made of plated steel for corrosion, includes collar, mould body and base plate. Standard Proctor Rammers are used to compact the soil sample in the Proctor. Different models are available conforming to the international standards.



P.Code	Product Name	Internal Dia.(mm)	Body (mm)	Volume (cm ³)	Weight (kg)
SUN-SL-022/A	Standard Proctor Mould ASTM	101.6 ± 0.4 mm	116.4 ± 0.5 mm	944.0 ± 14 g	6,8 kg
SUN-SL-022/E	A Type Standard Proctor Mould EN	100 ± 1 mm	120 ± 1 mm	942 g	5 kg
SUN-SL-022/B	Standard Proctor Mould BS	105 ± 0.5 mm	115.5 ± 0.5 mm	1 kg	5,2 kg
P.Code	Product Name	Internal Dia.(mm)	Body (mm)	Volume (g)	Weight (kg)
SUN-SL-022/A	Standard Proctor Compaction Rammer ASTM	50.8 mm	304.8 ± 1 mm	2495 ± 23 g	4,5 kg
SUN-SL-022/E	A Type Standard Proctor Compaction Rammer EN	50 ± 0.5 mm	305 ± 3 mm	2500 ± 20 g	4,5 kg
SUN-SL-022/B	2.5 kg Compaction Rammer BS	50 ± 0.5 mm	300 ± 3	2500 ± 25 g	4,5 kg

Modified Proctor Moulds and Rammers

Make: LabTek

Model: SUN-SL-023

Origin: India

Standards: ASTM D 698 , D 1557, D 558 | AASHTO T 99, T180, T 134 |

EN 12386-2, 13286-4 | BS 1377:4,1924:2

Modified Moulds are used for determining the moisture content and density of compacted soil. These are made of plated steel for corrosion, includes collar, mould body and base plate. Modified Proctor Rammers are used to compact the soil sample in the Proctor. Different models are available conforming to the international standards



P.Code	Product Name	Internal Dia.(mm)	Body (mm)	Volume (cm ³)	Weight (kg)
SUN-SL-023/A	Modified Proctor Mould ASTM	152.4 ± 0.7 mm	116.4 ± 0.5 mm	2124 ± 25	10 kg
SUN-SL-023/E	B Type Modified Proctor Mould EN	150 ± 1 mm	120 ± 1 mm	2120	9,8 kg
SUN-SL-023/B	Modified Proctor Mould BS	152 ± 0.5 mm	127 ± 1 mm	2.303	7,5 kg
Modified Proctor Rammers - Technical Specifications					
P.Code	Product Name	Internal Dia.(mm)	Body (mm)	Volume (g)	Weight (kg)
SUN-SL-023/A	Modified Proctor Compaction Rammer ASTM	50.8 mm	304.8 ± 1 mm	2495 ± 23 g	4,5 kg
SUN-SL-023/E	B Type Modified Proctor Compaction Rammer EN	50 ± 0.5 mm	305 ± 3 mm	2500 ± 20 g	4,5 kg
SUN-SL-023/B	4.5 kg Compaction Rammer BS	50 ± 0.5 mm	450 ± 3	4500 ± 50 g	8 kg