



### Available Variants:

1. Modified - ASTM D1557
2. Standard - ASTM D1557
3. Modified - IS : 2720 (Part VIII), IS 10074
4. Standard - IS : 2720 (Part VIII), IS 10074

### Variants Details:

#### 1. Modified - ASTM D1557:

#### Complies with following International Standards:

- ASTM D1557, ASTM D558, ASTM D698, AASHTO T99, AASHTO T134, AASHTO T180

#### Purpose:

- Used for determining the relationship between the moisture content and density of compacted soil.

#### Construction Details of Modified Proctor Mould:

1. The moulds include collar, mould body and base plate.
2. It will be made of Mild steel having capacity of 2124 cm<sup>3</sup>
3. The mould will be fitted with a detachable base plate and removable extension collar.
4. The internal surface of the mould will be smooth.
5. Complete with our own test certificate.
6. Internal diameter of mould: 152.4 ± 0.1 mm
7. Internal effective height: 116.4 ± 0.1 mm
8. Effective weight of mould: 09 kg
9. Volume: 2124 cm<sup>3</sup>

#### Construction Details of Modified Rammer:

1. The rammers are provided with guide sleeve with vent holes.
2. It is made of Metal which is chrome plated
3. The rammer will be equipped with a suitable arrangement for controlling the drop to the ASTM specified height.
4. The internal surface of the mould will be smooth.
5. Rammer diameter: 50.8 mm
6. Rammer weight: 4.54 kg

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GST TIN No. : 24AABCE4018L1ZU  
I.T. PAN No. : AABCE 4018L  
IEC No. : 0813026598 Dt. 04/03/2014  
CIN No. : U29199GJ2004PTC045078  
TAN No. : AHME00572F



7. Free fall height: 457.2 mm
8. Complete with our own test certificate

## 2. Standard - ASTM D1557:

### Complies with following International Standards:

- ASTM D1557, ASTM D558, ASTM D698, AASHTO T99, AASHTO T134, AASHTO T180

### Purpose:

- Used for determining the relationship between the moisture content and density of compacted soil.

### Construction Details of Standard Proctor Mould:

1. The moulds include collar, mould body and base plate.
2. It will be made of Mild steel having capacity of 944 cm<sup>3</sup>
3. The mould will be fitted with a detachable base plate and removable extension collar.
4. The internal surface of the mould will be smooth.
5. Complete with our own test certificate.
6. Internal diameter of mould: 101.6 ± 0.1 mm
7. Internal effective height: 116.4 ± 0.1 mm
8. Effective weight of mould: 07 kg
9. Volume: 944 cm<sup>3</sup>

### Construction Details of Standard Rammer:

1. The rammers are provided with guide sleeve with vent holes.
2. It is made of Metal which is chrome plated
3. The rammer will be equipped with a suitable arrangement for controlling the drop to the ASTM specified height.
4. Rammer diameter: 50.8 mm
5. Rammer weight: 2.49 kg
6. Free fall height: 305 mm
7. Complete with our own test certificate

## 3. Modified - IS : 2720 (Part VIII), IS 10074:

### Complies with following International Standards:

- IS : 2720 (PART VIII), IS 10074

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**Purpose:**

- Used for determining the relationship between the moisture content and density of compacted soil.

**Construction Details of Standard Proctor Mould:**

1. The moulds include collar, mould body and base plate.
2. It will be made of Mild steel having capacity of 2250 cm<sup>3</sup>
3. The mould will be fitted with a detachable base plate and removable extension collar.
4. The internal surface of the mould will be smooth.
5. Complete with our own test certificate.
6. Internal diameter of mould: 150 ± 0.1 mm
7. Internal effective height: 127.3 ± 0.1 mm
8. Effective weight of mould: 07 kg
9. Volume: 2250 cm<sup>3</sup>

**Construction Details of Standard Rammer:**

1. The rammers are provided with guide sleeve with vent holes.
2. It is made of Metal which is chrome plated
3. The rammer will be equipped with a suitable arrangement for controlling the drop to the IS : 2720 specified height.
4. Rammer diameter: 50 mm
5. Rammer weight: 4.9 kg
6. Free fall height: 450 mm
7. Complete with our own test certificate

**4. Standard - IS : 2720 (Part VIII), IS 10074:**

**Complies with following International Standards:**

- IS : 2720 (PART VIII), IS 10074

**Purpose:**

- Used for determining the relationship between the moisture content and density of compacted soil.

**Construction Details of Standard Proctor Mould:**

1. The moulds include collar, mould body and base plate.

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2. It will be made of Mild steel having capacity of 1000 cm<sup>3</sup>
3. The mould will be fitted with a detachable base plate and removable extension collar.
4. The internal surface of the mould will be smooth.
5. Complete with our own test certificate.
6. Internal diameter of mould: 100 ± 0.1 mm
7. Internal effective height: 127.3 ± 0.1 mm
8. Effective weight of mould: 07 kg
9. Volume: 1000 cm<sup>3</sup>

**Construction Details of Standard Rammer:**

1. The rammers are provided with guide sleeve with vent holes.
2. It is made of Metal which is chrome plated
3. The rammer will be equipped with a suitable arrangement for controlling the drop to the IS : 2720 specified height.
4. Rammer diameter: 50 mm
5. Rammer weight: 2.6 kg
6. Free fall height: 310 mm
7. Complete with our own test certificate

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