



1. PLANETARY MIXER-FOR BITUMINOUS MIX-DIGITAL- 20 LTRS

Compliance Standards

ASTM D6926b

Main Specifications :

1. Mixer bowl capacity: **20 liters**
2. **Mixing capacity : 12-14 kgs**
3. Heating pot temperature range : **Room Temperature To 250°C** (arbitrary setting)
4. Temperature Control Accuracy : **+/-3 Temperature**
5. Mixing time : **1-9999 seconds** (arbitrary setting)
6. Speed of blade revolution : **48 rpm/min**
7. Speed of blade Rotation : **80 rpm/min**
8. Working conditions Temperature : - 10 ~40.
9. Relative humidity : Not more than 80%
10. Power supply voltage: ~220V + 10%, current: 20A
11. Weight : 220kg

Technical Specification

- Weight (Approx.) : 220 Kg
- Overall Dimensions : 1100*520*1200 MM

2. PLANETARY MIXER (FOR BITUMINOUS MIX) VARIABLE SPEED-DIGITAL WITH PLC AND HMI

Salient Features:

- Electrically operated with **PLC & Touch Screen HMI Controlled model.**
- Fitted with heating jacket, Stainless Steel paddle and Electric Motor for thorough mixing of Bitumen.
- Electric Motor is connected to epicyclical type stainless steel paddles to impart both planetary and revolving motion for uniform mixing.
- The mixer has variable different speeds for mixing.
- Mixer blade has variable speed range maximum up to of **300± 10**, while it also has a variable planetary movement of maximum up to of **130± 5 rpm**
- Stainless Steel paddle is fitted inside the stainless steel bowl of approximately **5 liter capacity with handle.**
- **The 500 Watts heating jacket with energy regulator to control the temperature of mixture is fitted below the bowl.**
- Thermostat controlled temperature control system operating with help of touch screen HMI.
- Complete unit is supported on a strong iron frame.
- External body of the unit is powder coated in attractive shades.
- **4.3" touch screen HMI for control all parameter of operating like variable speed,timer and automatic up and down system.**
- Suitable to work on 230-220 Volt, 50 Hz, Single phase, AC Supply.
- Weight: 35 kg

3. PLANETARY MIXER-FOR BITUMINOUS MIX-DIGITAL- 10 LTRS

Main Specifications :

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

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



1. Mixing capacity: **10 liters**
2. Heating pot temperature range: **Room Temperature To 250°C** (arbitrary setting)
3. Temperature Control Accuracy : **+/-3 Temperature**
4. Mixing time : 1-9999 seconds (arbitrary setting)
5. Rotational speed of agitator : **48 rpm/min**
6. Rotation : **80 rpm/min**
7. Working conditions Temperature : - 10 ~40.
8. Relative humidity : Not more than 80%
9. Power supply voltage: ~220V + 10%, current: 20A
10. Weight : 150kg

Technical Specification

- Overall Dimensions : 970 X 520 X 1080 (L X W X D) mm
- Weight (Approx.) : 150 Kg

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