



GREASE WORKER (ASTM D217) (MOTORIZED - DOUBLE CUP MODEL)

Compliance with following International Standards

ASTM D217, ASTM D4950, IP 50;

Significance & Use

Cone penetration test results provide one measure of the consistency of Grease. With the help of the grease worker, the worked penetration results are determined. These worked penetration results are required to determine to which NLGI Consistency grade a grease belongs. Undisturbed penetration results provide means of evaluating the effect of storage conditions on grease consistency.

Apparatus description:

1. Motorized grease working machine with Two grease cups for short duration "worked penetration tests" on lubricating greases.
2. Consists of two steel ASTM grease worker with drive motor mounted on a sturdy steel base.
3. Spring loaded tightening clamps hold grease worker securely On base
4. Each grease working assembly comprises a heavy duty grease pot with screw lid.
5. A plunger passes through the lid and is attached to a perforated metal Worker Plate.
6. A large bore grease-cock allows excess air/grease to escape during assembly and insertion of a thermometer
7. The plungers are driven by a geared electric motor at 60 ± 10 strokes per minute.
8. An automatic counter will stop the motor after a pre-set number of strokes up to a maximum of 999,999.
9. The safety guard incorporates a motor cut-off switch.
10. Equipped with a presetting electronic counter
11. Threaded cup and cover
12. Base plate is drilled at corners to allow for bolting to table top.
13. Operates on 230 Volt, 50 Hz, Single Phase, AC Supply



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:

B-14, Zaveri Industrial Estate, Opp. Shyam Villa,
Singarva-Kathwada Road,
Kathwada, Ahmedabad-382 430.
Phone : (079) 6604 0660 • Fax : (079) 6604 0600
E-mail : info@eieinstruments.com

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IEC No. : 0813026598 Dt. 04/03/2014
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TAN No. : AHME00572F



Technical Specification

•Worker Plate	: 51 x 1/4 inch holes (Optional Churn Plate 270 x 1/16 inch holes)
•Grease Pot	: 1 x Brass (Optional Stainless Steel)
•Voltage	: 220/240V, 50 Hz, Single Phase, AC Supply
•Power Supply	: 450 Watt
•Size	: (46 x 37 x 50) cm(H x W x D)
•Weight	: 38 kg
•Overall Dimensions	: 520 x 500 x 550 (L X W X H) MM

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