Say Bolt Viscometer
ZI 4019

Standards:ASTM D88, D244, AASHTO T72
Specification:

Say bolt Viscometer, Electrically Heated, ASTM D88, D244, AASHTO T72 for the empirical
 measurement of Say bolt Viscosity of petroleum products at specified temperatures between 700F and 2100 F . This is also used for determining the Saybolt Furol Viscosity of bituminous materials at temperatures of 250, 275, 300, 350, 400 and 4500F. It comprises one each of Cylindrical Oil Cup, Universal Tip, Furol Tip, Bath Fitted with immersion Heater mounted on a stand. Dimmer stat for temperature control, Stirrer with shield. Complete with insulated handle and thermometer support receiving flask, withdrawal tube, filter funnel, thermometer support for cup and circular spirit level. Suitable for operation on 230 V 50 Hz , Single Phase, A.C.

| ZI 4019-A | Brass Oil Tube |
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| ZI 4019-B | Receiving Flask, 60 ml |
| ZI 4019-C | Universal and Furol Tip (Set of 2) |
| ZI 4019-D | Filter Funnel |
| ZI 4019-E | Thermometer Support |
| ZI 4019-F | Heating Coil |
| ZI 4019-G | ASTM Thermometer Type 18 F Range : $66^{\circ} \mathrm{F}$ to $80^{\circ} \mathrm{F}$ |
| ZI 4019-H | ASTM Thermometer Type 19 F Range: $94^{\circ} \mathrm{F}$ to $80^{\circ} \mathrm{F}$ |
| ZI 4019-I | ASTM Thermometer Type 19 F |


|  | Range: $120^{\circ} \mathrm{F}$ to $148^{\circ}$ |
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| ZI 4019-J | ASTM Thermometer Type 20F Range: $134^{\circ} \mathrm{F}$ to $148^{\circ} \mathrm{F}$ |
| ZI 4019-K | ASTM Thermometer Type 21 F Range : $174^{\circ} \mathrm{F}$ to $188^{\circ} \mathrm{F}$ |
| ZI 4019-L | ASTM Thermometer Type 22 F Range : $204^{\circ} \mathrm{F}$ to $218^{\circ} \mathrm{F}$ |
| ZI 4019-M | ASTM Thermometer Type 77F Range: $245^{\circ} \mathrm{F}$ to $265^{\circ} \mathrm{F}$ |
| ZI 4019-N | ASTM Thermometer Type 77F Range: $295^{\circ} \mathrm{F}$ to $315^{\circ} \mathrm{F}$ |
| ZI 4019-O | ASTM Thermometer Type 78 F Range: $345^{\circ} \mathrm{F}$ to $365^{\circ} \mathrm{F}$ |
| ZI 4019-P | ASTM Thermometer Type 80F Range : $395^{\circ} \mathrm{F}$ to $415^{\circ} \mathrm{F}$ |
| ZI 4019-Q | ASTM Thermometer Type 81F Range: $445^{\circ} \mathrm{F}$ to $465^{\circ} \mathrm{F}$ |

