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Enquiry no.: IITK/MSE/KB/2012/05

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Last Date: 16 May 2012

### **Enquiry for Isomet Low Speed Saw**

We would like to purchase a Isomet Low Speed Saw for our laboratory scale experimentation. Offered product should take into account specifications given below.

#### **Specifications:**

No. 11-1280-250 **ISOMET LOW SPEED SAW** with Automatic cut-off switch, counterbalanced down-feed with assorted metric weights, precision cross-feed and blade spindles, built-in micrometer for cross-feed adjustment, built in coolant tray, 1/50 HP DC motor, continuously variable speed from 0-300 RPM. Includes precision diamond wafering blade, 4"  $\times$  0.012  $\times$  1/2" (10.2cm  $\times$  0.3 mm  $\times$  12.7mm) chucks no. 11-1184, 11-1185, 11-1186 & 11-1187 operating instructions. For worldwide operation on 220/50 Hz/1 Phase dimensions: 6 1/4" H  $\times$  10 1/2" W  $\times$  10 1/2" D (16cm  $\times$  27 cm  $\times$  27cm) Shipping weight 25 lbs. (11.3Kg).

#### **Recommended Accessories:-**

No. **11-1181, SWIVEL ARM ASSEMBLY**, adjustable spherical bushing permits positioning of chuck to allow angular sectioning of sample. May be used with any ISOMET chuck, permits maximum flexibility of Low Speed Saw and allows operator multiple sample orientation.

No. **11-1183 CHUCK**, double hold-down saddle type. Prevents possible damage to specimen by holding section portion firmly after cutting is completed. Useful for larger samples and sheet stock.

**No. 11-1191 FLANGE**, 1-3/4"(44 mm) dia., recessed, set of two for use with the swivel arm assembly, for larger specimens and where greater depth of cut is required.

**No. 11-1190 DRESSING STICK** for dressing Series 15 and 20 wafering blades.

**No. 11-1189 CHUCK**, for 1" (25 mm) and 1-1/4" (32 mm) diameter stock in mounted samples.(This chuck requires use of one set of two No.11-1192 Recessed Flanges.)

**NO. 11-1192 FLANGE**, 1-3/8" (35mm) dia., recessed, set of two for use with 11 1188 Chuck, with 11-1189 Chuck and where maximum depth of cut is required.

**No. 11-4264 ISOCUT WAFERING BLADE**, 4" × 0.012" × 1/2" (10.2 cm × 0.3 mm × 12.7 mm), for ISOMET.

**No. 11-4244 DIAMOND WAFERING BLADE**, 4" × 0.012" × 1/2", (10.2 cm × 0.3 mm × 12.7 mm), high concentration, for routine use.

**No. 11-1193-032 ISOCUT** cutting fluid, quart (0.95 l).

**No. 11-4215 Series 20HC Diamond**, for aggressive general sectioning of ferrous and non-ferrous materials. 5" × 0.020" × 1/2".

**1180S100** -NO. 1180S100, BRONZE GEAR KIT-ISOMET.

**1180S94**-No.1180-S94 BELT DRIVE (120 X L037.

**1180S88**- No. 1180-S88 MICROSWITCH ASSEMBL

**R7332**-NO. R-7332 FUSES 2 AMP 250.

**1280S174**-No. 1280S174 POWER SUPPLY-220 B/4-324.

**1180S53**-No. 1180S53 DRIVE SHAFT ASSEMBLY

**R10655**-No. R10655 CIRCUIT BREAKER, 5 AMP. (OLD PART NO. 1180-S150).

### **Terms & Conditions:**

- 1) Cost of the items including relevant accessories with technical specification should be mentioned in detail.
- 2) Prices should include delivery up to IIT Kanpur.
- 3) Warranty should at least be for one year after installation.
- 4) Validity of quotation should be at least for 60 days
- 5) Delivery period: Within 2-4 weeks from the date of purchase order
- 6) Installation and demonstration would be done free of cost by our engineer.
- 7) Payment terms: 90% on installation, 10% after satisfactory report.

Kindly send your best offer (Technical & Commercial offer separately) and the quotation along with your authorized dealer certificate to address given below.

Thanking you



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