

**MACHINE SPECIFICATIONS :**

**DIMENSIONS**

OVERALL LENGTH = 22" {558.8mm}  
 OVERALL WIDTH = 15.7" {398.8mm}  
 OVERALL HEIGHT = 21.6" {548.6mm}  
 WEIGHT (APPROX.) = 125 LBS. {56.8 kg}  
 DIAMETER OF PRODUCT BOWL = 8.0" {203mm}  
 DEPTH OF PRODUCT BOWL = 5.0" {127mm}  
 TOTAL VOLUME OF BOWL = 3 LITERS (APPROX.)

**MATERIALS OF CONSTRUCTION**

CHASSIS = 316 SST  
 BOWL = 316 SST  
 IMPELLER = 316 SST  
 BOWL COVER = POLYCARBONATE  
 CHOPPER SHAFT AND BLADES = 316 SST  
 CHOPPER SLIDE HOUSING = 6061 ALUMINUM  
 IMPELLER AND CHOPPER SEALS = UHMWPE

**MAIN IMPELLER**

3 BLADE DESIGN  
 SPEED RANGE = 75 - 750 R.P.M.  
 DRIVE MOTOR = 1 H.P., 11.5 F.L.A.

**CHOPPER MOTOR**

DOUBLE EDGE DESIGN, 3 BLADES  
 TELESCOPING MOVEMENT = 2.5" {64mm}  
 SPEED RANGE = 1000 - 10,000 R.P.M.  
 MOTOR = 1/5 H.P., 1.7 F.L.A.

UNIT DESIGN TO OPERATE ON A STANDARD  
 15 AMP, 120 VOLT OUTLET

CONTROL PANEL ASSEMBLY  
 WITH AMP METER 5KG-1130D-01  
 WITH WATT METER (OPTIONAL)  
 5KG-1130D-02

ELECTRICAL SCHEMATIC  
 FOR AMPMETER = 5KG-940C  
 FOR WATTMETER = 5KG-945C

IMPELLER DRIVE CONTROL  
 SUB-PLATE ASSEMBLY  
 5KG-405D-01

COVER LIFTING ARM  
 ASSEMBLY 5KG-500C

CHOPPER ASSEMBLY  
 5KG-300C  
 (OPTIONAL)

LIQUID ADDITION  
 FUNNEL 5KG-725B  
 (OPTIONAL)

COVER LOCK-DOWN  
 ASSEMBLY 5KG-508C

BOWL - IMPELLER  
 ASSEMBLY 5KG-200C

REAR ROCKER  
 FEET 5KG-280B

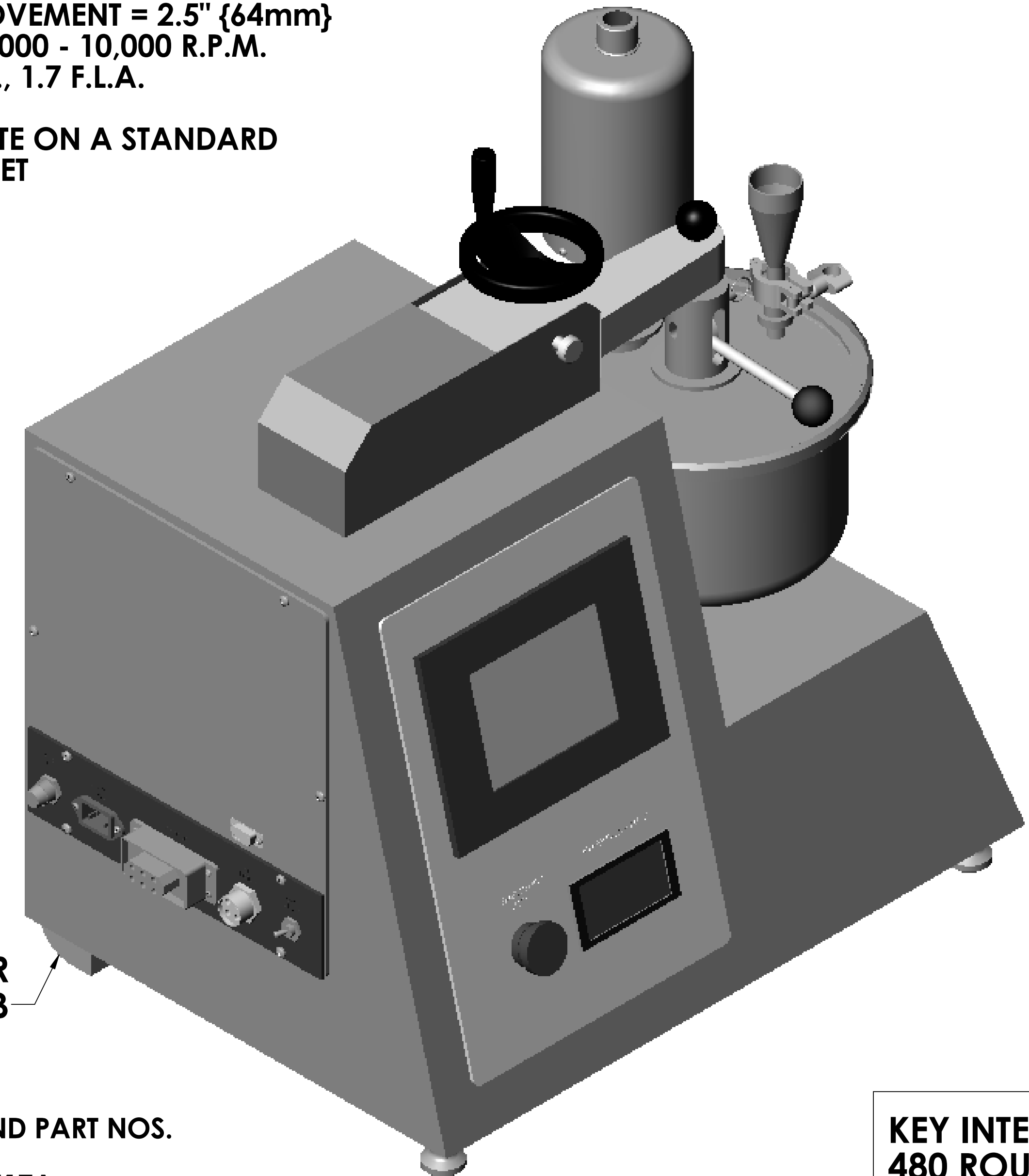
CHASSIS 5KG-110D

MISCELLANEOUS ITEMS AND PART NOS.

MACHINE WRENCH 5KG-517A  
 SOLID CAP FOR LIQUID FEED FERRULE 27J0006  
 SILICONE GASKET FOR FERRULE 33S0021  
 CLAMP BAND FOR FERRULE 27J0005

FRONT LEVELING FEET  
 5KG-285A

MAIN IMPELLER DRIVE  
 ASSEMBLY 5KG-400D



KEY INTERNATIONAL, INC.  
 480 ROUTE 9  
 ENGLISHTOWN, NJ 07726

TITLE: **KG5 HIGH SHEAR  
 LAB GRANULATOR**

DWG. NO. **5KG-000D**

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DRAWN JPC	DATE 08-25-03
CHECKED	NAME
COMMENTS: SERIES IV	

REV  
A

REV. A, 7-18-05, JPC, DIAMETER AND DEPTH OF BOWL CORRECTED