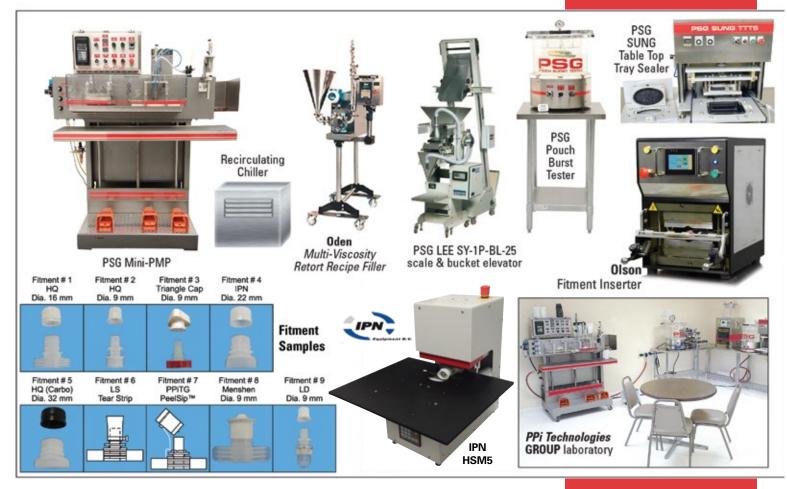


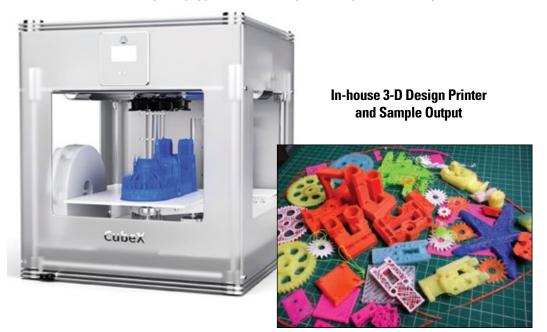
# PSG MINI PMP PILOT PLANT-LABORATORY

# **TECHNOLOGY**

Up to 8 Pouches Per Minute System



**PPi Technologies GROUP** has a laboratory set up for confidential packaging operations. The laboratory is equipped to handle dry and wet products, and pilot tests.



In-house testing
Sample making
Taste testing
3D Design Printer
Shelf life testing
Microbiological sampling
Training



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# **Brief Description of the PMP Mini**

Machine Model : PSG Mini PMP semi-automatic fill-seal machine for premade three-side seal and

StandUp pouches. Machine includes

top sealing cooling bars and re-circulating chiller unit.

**Product** : To be determined

**Pouch Capacity** : Based on product, pouch type, and operator

Packaging Material : Premade pouches [Heat sealable lamination]

**Pouch Sizes** Any pouch size within the range below:

Not to exceed 15" / 450 mm wide Not to exceed 20" / 500 mm long

**Pouch Styles** : All types of StandUp or three-side seal premade pouches

within above limits

## MACHINE DETAILS:

**Operation**: **First Station** - Pouch manually held in place and then opened by air jet. Activated by a

single foot pedal. Pouch is then filled with product. Pouch manually moved

to second station.

**Second Station** - Pouch sealing activated by a foot pedal, Vacuum pulled

(if required) then sealed.

Pouch manually moved to third station.

**Third Station** - Cool top seal, activated by a foot pedal.



(Pictured with optional liquid pump)

**Construction** : All contact parts are made of Stainless Steel.

Controls are enclosed in a sealed cabinet. Machine requires minimum maintenance.

Electrical Supply : To be specified, normally 110 V, single phase

Compressed Air : 90 PSi / 5 to 7 bars

**Production rate** : Between 3 – 8 pouches per minute depending on product to be packaged, filling capacity, quality of

packaging material, operator skills and ambient conditions

**Machine Dimensions** : 1,350 mm (*l*) x 775 mm (w) x 1,650 mm (h); (Without Filler)

53" (*l*) x 30.5" (w) x 65" (h)

Machine Weight : 250 kg / 550 pounds

# **TECHNICAL FEATURES:**

#### Station #1:

Pouch opening device operates using air, activated by foot pedal.

• Pouch is then filled by hand with pre-weighed product. (A separate weigher can also be supplied), depending on the product type.

• The pouch can also be filled with liquids (A separate liquid filler can also be supplied)

## Station #2:

• Heat sealing of pouch, activated by foot pedal.

Vacuum can be pulled on pouch, if necessary. (Gas flushing is standard)

### **Station #3:**

• Cool sealing of pouch using re-circulating water chiller, activated by foot pedal.

