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LAB SPINNING TEST MACHINE (PP, PET, PA6)



(The machine through the European CE safety certification, photos are for reference only)

1、 Extruder

Type $\phi 25$

length to diameter ratio 28:1

max temperature 320°C。

Drive P=3KW

Drive AC

6 autom heating

Speed Reducer

2、 Spin Pump 2.4cc/rev

Drive for spin pump

AC-Drive P=0.75KW

3、 Quench Chamber

Width 150mm

Height 500mm

with air rectifier ,air supply channel ,cooling air fan and air quantity adjustment device

4、 Spin Finish Unit

Nozzle oiling

5、 Draw system

3 hot godetes 3 ϕ 125mm*125mm

all godetes coated

Speed \leq 1200m/min

6、 Winder

One yarn package, Friction drive

Speed \leq 1200m/min

Thread suction gun

Paper tube

Inside Diameter ϕ 75mm*150mm

Outside Diameter 87mm

7、 Spinneret

Diameter 90mm/120 round hole*3Pieces

8、 Steel frame

9、 Ladder

10、 Control cabinets (PLC)

Main supply with main switch

Emergency stop system

AC-drive system Bosch

Melt pressure measuring before spin pump

Melt pressure measuring after spin pump

Temperature controller

Heat current control for all heating zones of the extruder and spin head

All cabinets connections between the control cabinets and the line

All cables offered by us, except the inlet of main supply from outside

Cable guides are not in the scope of supply of Fangchen

11、 Spare Parts incl.

2% of the order value