

8 吋全自動表面輪廓儀

1. It is forbidden to press hard down the holder and stage by hand.
2. Before logging in P10, don't touch the keyboard and track ball.
3. Scan depth: 300Å~300μm(Resolution 1 or 25 Å)
4. Scan Length:
 - ◆ Scan length must not be greater than 60mm
 - ◆ Scan time must not exceed 100sec
 - ◆ Press the **Space bar** to change the unit within a given unit system (ex. μm to mm; min. to mils)

5. Stylus Force:

- ◆ Recommended Stylus Force Versus Scan Speed

Speed(μm/s)	Recommended Force (mg)	Speed(μm/s)	Recommended Force (mg)
1	1-25	100	10-35
2	1-25	400	15-44
5	3-25	1000	20-50
10	5-25	2000	25-60
20	7-25	5000	30-75
50	8-30	10000	35-85
-	-	25000	40-100

- ◆ The force decreases approximately 1mg for every 13 μm below the center. Therefore, use at least 20mg when in the 300μm range.
6. Contact Speed (1-10):
 - ◆ This parameter specifies the stylus drop speed at contact with the substrate.
 - ◆ Soft substrates such as aluminum or photoresist can require a setting of 1 or 2. We recommend slower contact speed settings of 1 to 3 with our stylus.
 7. Vertical Range / Resolution:
 - ◆ Select 13μm for the feature heights on the order of 6.5μm
 - ◆ Select 300μm for the feature heights on the order of 150μm