EPFL - CMi

EVA 760

WARNING

Only the **CMi Staff** is qualified to do a **service** or to do **maintenance**

If the source configuration doesn't fit with the one given on the user interface, please contact the staff.

User manual

1. *Login*

1.1. Logon on the ACCESS CONTROL SYSTEM on the zone computer to unlock the touch screen of the EVA 760

1.2. **Icon "Users"** : Logon on the EVA 760

- Click on "Login" and then enter your login and password
- The login is valid for 20 minutes, but stays valid during a run

2. *Loading*

2.1. **Icon"Production"**

2.2. **<Venting>** (~8 mn)

2.3. Correction mask: Attention you have to install the **right one** (250mm / 350mm / 450mm), at the **right position**!

2.4. Dome (substrate holder): Attention you have to install the **right one** (250mm / 350mm / 450mm)!

2.5. Check the cleanness of the door O-ring. Clean the O-ring with your glove. Never use a solvent (isopropanol, acetone, …). **Make sure that the door is properly closed: Align the 2 arrows** ➡ ⬅

3. *Run a recipe*

3.1. **<Start production>**

3.2. <**Select Process**>

3.3. Open the folder "*process*" and select a **subfolder** (250mm, 350mm, 450mm, etc…)
Select your *recipe* + <**OK**>
Enter the **thickness** for each film

3.4. **<Start> … Wait till the pressure is below 7.10^{-2} mbar (Cryogenic pumping)**

4. *Unloading*

4.1. **<Venting>** (~8 mn)

4.2. Get back your substrate – Replace the dome and the correction mask in the cupboard

4.3. Check the cleanness of the door O-ring. Clean the O-ring with your glove. Never use a solvent (isopropanol, acetone, …). **Make sure that the door is properly closed: Align the 2 arrows** ➡ ⬅

4.4. **<Pumping> … Wait till the pressure is below 7.10^{-2} mbar (Cryogenic pumping)**

5. *Logout*

5.1. Logout from the EVA 760
5.2. Logout from the ACCESS CONTROL SYSTEM.

FAQ : <*Start Production*> *button is hidden or* <*Venting / Pumping*> *button is dimmed!*
➔ *You've been automatically logged out after 20 min.* ➔ *Log in again*