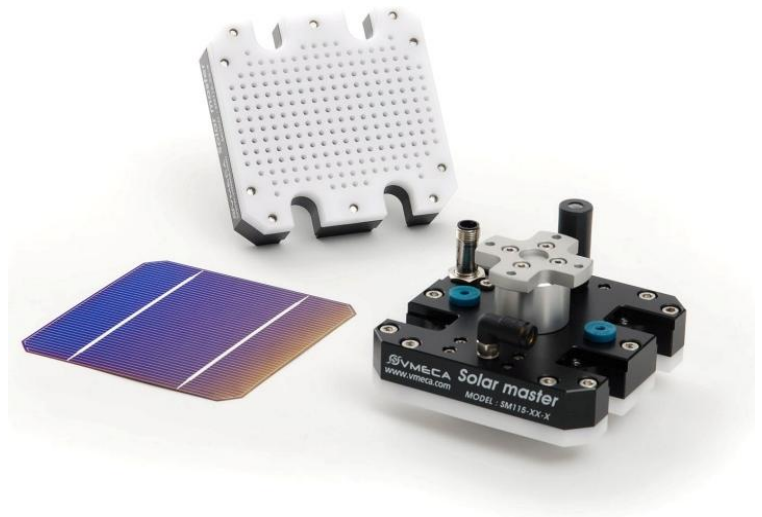


## SM Series

- Max. Vacuum level** : - 25 kPa
- Supply air pressure** : 3 ~ 6bar , max 6bar
- Air consumption** : 34 ~ 64 NI/min
- Supply air type** : Dry compressed air
- Working Temp.** : - 20°C ~ 80°C



### ■ Mainadvantages

- ✓ Integrated with the VMECA Vacuum Cartridge
- ✓ Minimal air is consumed while achieving very fast and stable vacuum
- ✓ The PEEK material dissipates static when handling solar cells
- ✓ Low vacuum will help protect the solar cells from being damaged
- ✓ Standard cell size is 5"(125mm) and 6" (156mm). Also, available in Wafer size

### Order No.

SM 05 - EV -    - A

①
②
③
④

#### ① Size

- 05 - 125mm x 125mm

#### ② Efficiency Valve

- No Mark - Not applied
- EV - Efficiency Valve attached

#### ③ Support Point

- No Mark - Not applied
- P - Support Point

#### ④ Material of suction plate

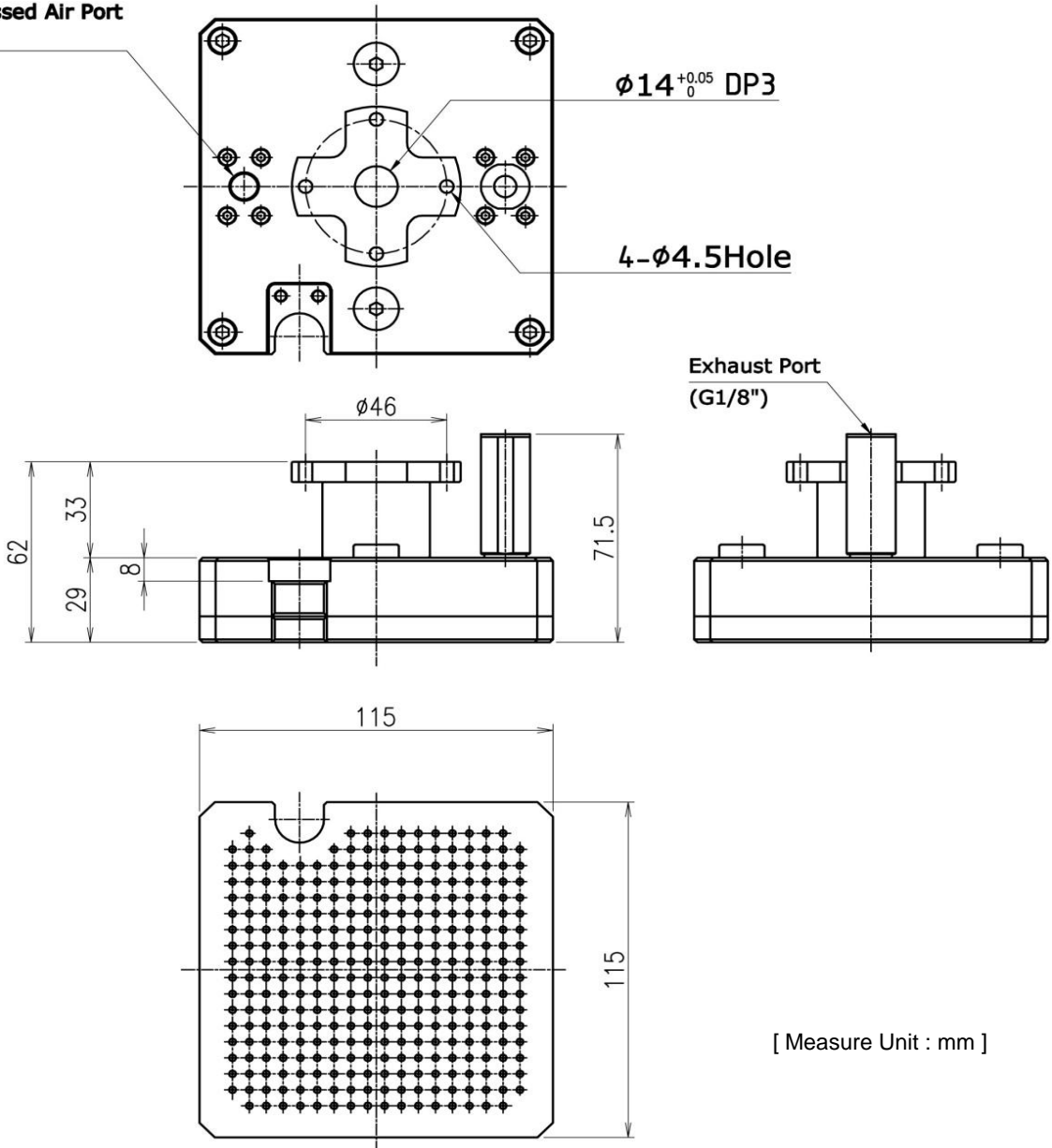
- A - Aluminum
- PK - Peek
- PO - POM

Dimension information

Compressed Air Port  
G1/8"

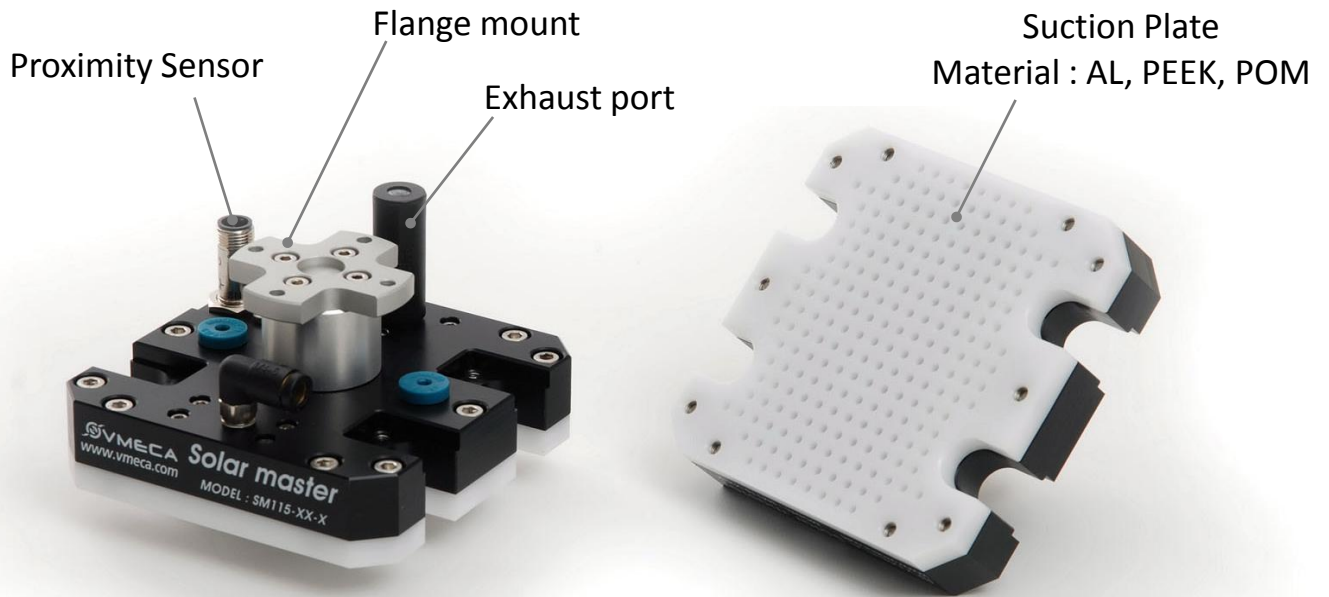
$\phi 14^{+0.05}_0$  DP3

4- $\phi 4.5$ Hole



[ Measure Unit : mm ]

## Dimension information



## Technical Data

Model	Holding force (N), at different air inlet pressure (bar)			
	3	4	5	6
SM 05..	112.7	120.4	132.4	147

Model	Air Consumption (NI/min), at different air inlet pressure (bar)			
	1.7	2.2	3.14	4
SM 05..	34	40	52	64