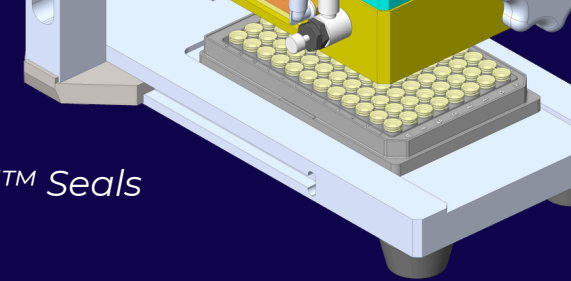


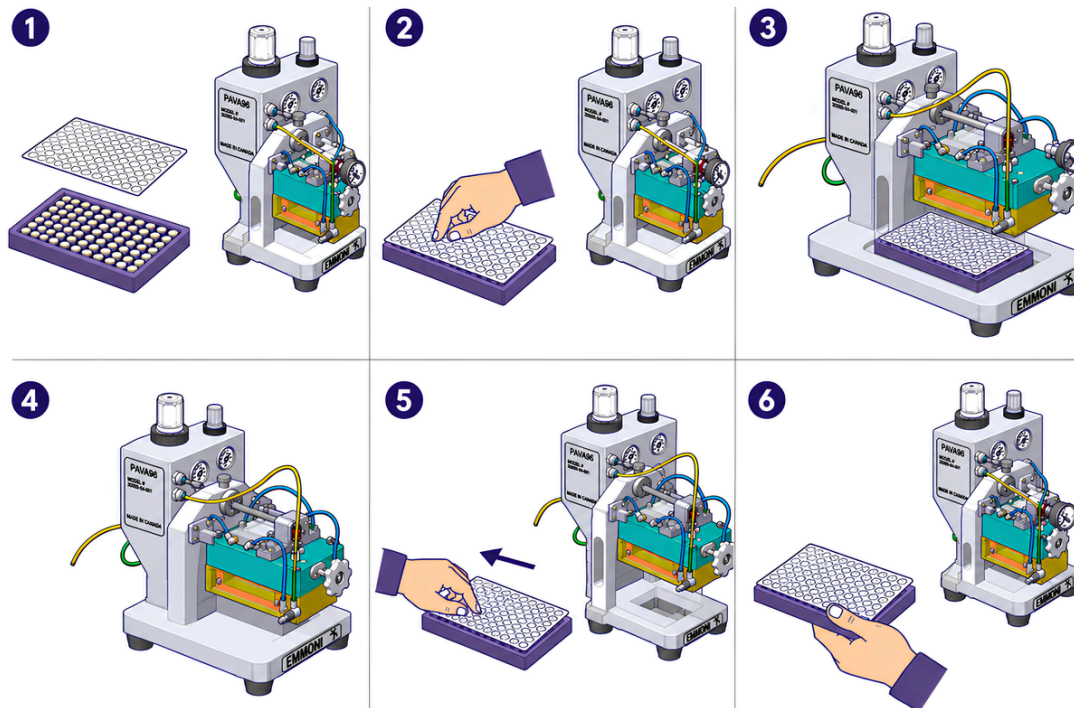
PAVA™ for MWellGX™ Seals

For Purging or Applying Vacuum to Wells In Microplates with Airtight MWellGX™ Seals
Quick Start Guide



PAVA™ WORKFLOW

- 1 Prepare the microplate and MWellGX™ seal**
Place the filled microplate and MWellGX™ seal beside the PAVA™ device.
- 2 Apply the MWellGX™ seal**
Align the seal plugs with the wells and sit the seal into the microplate so that it is partially inserted (resting position).
- 3 Load into PAVA™**
Place the partially inserted seal with microplate into the open PAVA™ device.
- 4 Purge the wells & seal the microplate**
Close the PAVA™ device to position 1 (for gas fill or vacuum) to interface with the sealed microplate. Apply the desired purge gas or vacuum, and when finished, close the PAVA™ device to position 2 (seal lock).
- 5 Remove the sealed microplate**
Open the PAVA™ device and remove the sealed microplate after the purge cycle is complete.
- 6 Store, transport, or incubate**
The microplate remains sealed with the desired gas environment preserved inside the wells.



TIPS FOR BEST RESULTS

- ✓ When placing seal onto microplate in step 2, do not push the seal down. Only ensure that the plugs are all aligned/resting on top of the corresponding wells.
- ✓ Simple Steps: Partial seal (setting 1 on PAVA) → Purge → Fully seal (setting 2 on PAVA) → Remove sealed plate.
- ✓ Keep microplate in upright position through all the steps to avoid any accidental spilling.

QUICK REFERENCE (MWellGX Seals)



- ✓ Reusable up to 10 autoclave cycles
- ✓ High O₂ Transfer/ Low Evaporation Rate
- ✓ Cuttable linkages for selective well access
- ✓ Needle puncturable
- ✓ **Autoclave: 121°C, 20 min (Solid cycle).**
Cool at room temperature ≥ 1 hour before seal use.