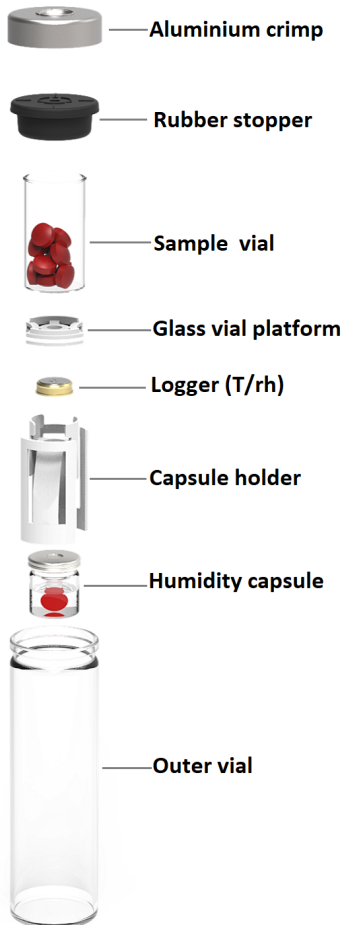


CUSPOR AGEING SYSTEM

Generates and accurately measures environmental conditions for the storage of small quantities of test material (Range: 5 °C to 85 °C and 0-90 %rh)



Versatile low cost system using certified
pharmaceutical grade materials

Parts

- **Outer Vial:** Certified Type I clear borosilicate glass vial (180mm height) with 34mm crimp top finish. Airtight seal formed when used with 34mm rubber stopper and 34mm aluminium crimp.
- **Humidity Capsule:** Salt solution in a certified type I clear borosilicate glass vial used to control humidity within a sealed environment. Capsules available across the range 5-90 °C and 0-90 %rh. Capsules fitted with a breathable PTFE membrane during use to avoid spillage.
- **Capsule Holder:** Hold humidity capsule and logger in place.
- **Logger:** Measures temperature and relative humidity within test environment.
- **Sample Platform:** Holds vials containing test material.
- **Sample Vials:** Three different size sample vials for holding test material. Outer Vial can hold two of largest sample vial, x3 of medium and x4 of smallest size.

Benefits

- Designed to
 - Reduce measurement uncertainty for temperature & humidity
 - Ensure rapid equilibration times (< 30 minutes)
 - Minimise risk of test material contamination
 - Reduce space requirements
- Traceability for all parts
- Quick & easy setup
- No washing or cleaning required
- Modular design ensures repeatable results



Visit
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information

Uses

- Accelerated Predictive Stability (APS) Studies
- Small scale stability studies
- Moisture Sorption Isotherm Measurements
- Controlled storage of reference and toxic/high potency materials
- Forced degradation experiments

CONTACT

Phone: +353 1 5397919 / Email: info@cuspor.com / Website: www.cuspor.com