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Humidity Calibration Salt Capsules

- UKAS certified
- Various humidity levels
- Available to buy online

Humidity Calibration Salt Capsules

Salt capsules for use on air humidity probes. For various humidity levels and fully certified.



Air humidity probes
SC type: Max. 18mm diameter, max. depth 55mm

- Fully portable, optionally fully UKAS traceable, use on-site or laboratory based
- No preparation, no mess, no power or auxiliary equipment needed
- Multiple, unlimited use, typically a 5 year life span
- Annual recalibration to ISO 17025 available
- Size: 18mm diameter by 55mm depth
- Simple to use and store
- Fully re-useable with re-sealing containers
- A full range of humidity values from 6% up to 97% humidity
- Calibration uncertainty typically +/- 1.7 % RH
- Health & safety (COSHH) material data sheets available with all calibration salts

Relative humidity emitted at specified temperatures:

SC (rh%)	Composition	15°C	20°C	25°C	30°C
SC-6	LiBr	6.9 %	6.6%	6.4%	6.2%
SC-11	LiCl	11.3%	11.3%	11.3%	11.3%
SC-33	MgCl ₂ -6H ₂ O	33.3%	33.1%	32.8%	32.4%
SC-53	Mg(NO ₃) ₂ -6H ₂ O	55.9%	54.4%	52.9%	51.4%
SC-58	NaBr	60.7%	59.1%	57.6%	56.0%
SC-75	NaCl	75.6%	75.5%	75.3%	75.1%
SC-84	KCl	85.9%	85.1%	84.3%	83.6%
SC-90	Ba(Cl)2-2H ₂ O	90.9%	90.5%	90.1%	89.9%
SC-97	K ₂ SO ₄ (>20%)	97.9%	97.6%	97.3%	97.0%

12mm adaptor to suit selected probes from Rotronics, E & E Humidity

15mm adaptor to suit selected probes from Rotronics, Vaisala, Meaco

Compatibility without adaptor to suit most probes from: Novasina, Hanwell (HL series) & Eltek (GD series)

Humidity Calibration Salt Tablets

Simple to use salt tablets for water activity meters. For various humidity levels and fully certified.



- Fully portable, optionally fully UKAS traceable, use on-site or laboratory based
- No preparation, no mess, no power or auxiliary equipment needed
- Multiple, unlimited use, typically a 5 year life span
- Annual recalibration to ISO 17025 available
- Simple to use and store
- Fully re-useable with re-sealing containers
- A full range of humidity values from 4% up to 97% humidity
- Calibration uncertainty typically +/- 1.7 % RH
- Health & safety (COSHH) material data sheets available with all calibration salts
- Suitable for all models of Novasina water activity meters

Relative humidity emitted at specified temperatures:

SAL-T (aw)	Composition	15°C	20°C	25°C	30°C
SAL-T / 4	CsF (>25%)	4.3%	3.8%	3.4%	3.0%
SAL-T / 6	LiBr	6.9 %	6.6%	6.4%	6.2%
SAL-T / 11	LiCl	11.3%	11.3%	11.3%	11.3%
SAL-T / 33	MgCl ₂ -6H ₂ O	33.3%	33.1%	32.8%	32.4%
SAL-T / 53	Mg(NO ₃) ₂ -6H ₂ O	55.9%	54.4%	52.9%	51.4%
SAL-T / 58	NaBr	60.7%	59.1%	57.6%	56.0%
SAL-T / 75	NaCl	75.6%	75.5%	75.3%	75.1%
SAL-T / 84	KCl	85.9%	85.1%	84.3%	83.6%
SAL-T / 90	Ba(Cl)2-2H ₂ O	90.9%	90.5%	90.1%	89.9%
SAL-T / 97	K ₂ SO ₄ (>20%)	97.9%	97.6%	97.3%	97.0%

References: Greenspan, Humidity Fixed Points of Binary Saturated Aqueous Solutions. Journal of Research of the National Bureau of Standards Vol. 81A, No1 01/02 1977