

## Precision Relative Humidity Generator: GenRH

GenRH is the world's most flexible instrument for precision relative humidity (RH) generation.

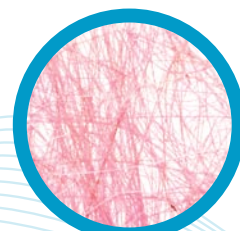
Based on SMS's 15-plus years of experience in RH generation technology, the GenRH offers state-of-the-art capabilities within a highly cost-effective instrumentation package.

The GenRH delivers humidity levels from 0 to 98%RH across a wide range of temperatures. Also featuring a heated transfer line, actual humidity measurement at the point of delivery and advanced Windows control software - all as standard - the GenRH is the only relative humidity generator you will ever need.



### Key GenRH Applications

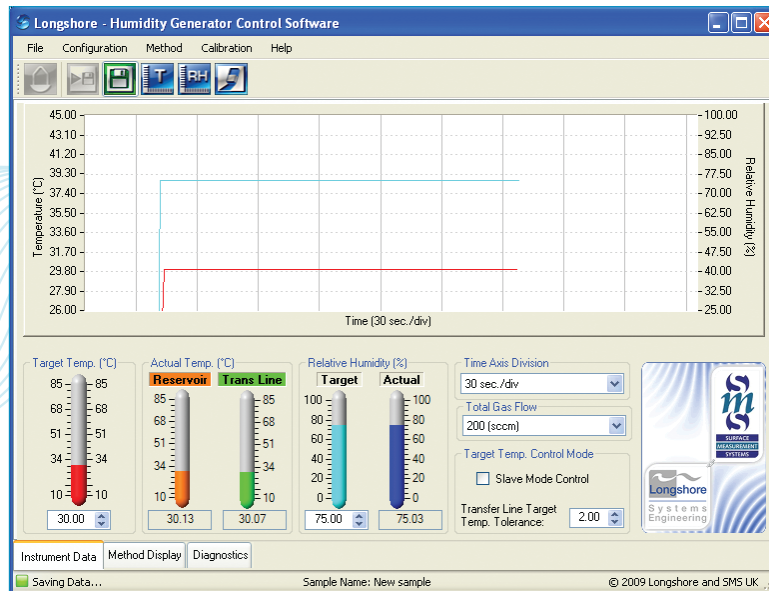
- X-ray diffraction equipment
- FTIR and Raman spectrometers
- Dynamic Mechanical Thermal Analysis (DMA)
- Mechanical and texture testing of materials
- Accelerated testing and stability equipment
- Optical and Raman microscopy
- Atomic force and scanning microscopes
- Thermogravimetric analysis
- Particle sizing
- Powder flow and powder mechanics



## Key Specifications

- Broad temperature range: 15°C to 45°C as standard (15°C to 85°C available as an option).
- Humidity generation: 0% to 98%RH (15°C to 45°C); 0% to 90%RH (45°C to 85°C).
- Digital Rotronic humidity probe for locating in host equipment - ensures precise RH control.
- Heated transfer line - eliminates risks of condensation during vapor transport.
- Easy-change water reservoir – ample volume to provide a minimum of 24 hours operation at 85°C/85%RH.
- Vapor flow rate of 200sccm - other flow rates available on request.
- Advanced Windows-based control software with full temperature and relative humidity data logging.
- Comprehensive method editor for controlling temperature and relative humidity profiles.
- Space-saving design: Instrument footprint approximately 9" x 10" x 16".

## Instrument Control Software



Windows Control Software

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