

BACHARACH PORTABLE INSTRUMENTS

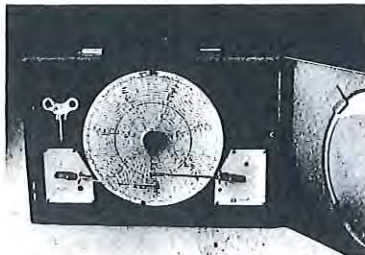
SERDEX HUMIDITY/TEMPERATURE RECORDER

Circular chart recorder for providing permanent record of humidity and temperatures.

Features

- Rapid response to humidity changes.
- Wide temperature tolerances from 0°F to +130°F (-18°C to +54.5°C).
- Completely self-contained.

The recorder incorporates the patented Serdex conically-shaped membrane diaphragm humidity element. The temperature sensing element is a precision bi-metal coil. The Serdex recorder is self-contained and equipped with a spring-wound chart drive. The 6"



diameter chart has 2% R.H. and 2°F divisions for 24-hour rotation models. The circular chart recorder is also available for recording relative humidity only, and correction charts for R.H. can be provided for temperatures below +32°F.

Applications

Monitors humidity where it is important to preserve materials and prevent deterioration. Extremely valuable when installed in computer rooms, labs, etc.

CAT. NO.	Bacharach Code Complete Recorder Includes One Box of Charts and Ink	Serdex Recorder Type	Specifications			Chart				Ink (One Bottle)	
			Scale Range	Temp. Range	Rotation	Divisions			Box of 100 Charts	Red	Purple
						Time	Temp.	R/H			
33523	22-7042	Relative Humidity and Temperature	0-100% R.H.	0 to +100°F	24 Hr.	15 Min.	2°F	2%	22-0082	22-0077	22-0079
335390	22-7078			0 to +100°F	7 Day	3 Hr.	5°F	5%	22-0419		
335391	22-7018			-10 to +90°F	7 Day	3 Hr.	5°F	5%	22-0063		
335392	22-7052			-16 to +40°C	7 Day	3 Hr.	2°C	5%	22-0285		
33520	22-7015	Relative Humidity Only	None	None	24 Hr.	15 Min.		2%	22-0083	None	22-0079
335393	22-7017			None	7 Day	3 Hr.		2%	22-0081		

SERDEX HUMIDITY/TEMPERATURE INDICATORS

Two-pointer instrument for simultaneous indication of relative humidity and temperature.



Features

- Completely self-contained, no piping or external power source is required.
- Rapid response to humidity changes.
- Wide temperature tolerances from 0°F to +130°F (-18°C to +54.5°C).
- Easy to read scale.

The Serdex Indicator is furnished as a portable instrument, or with a flanged case for surface mounting. Completely self-contained, no piping or external power source is required. The sensing element is a highly-sensitive, conically-shaped membrane diaphragm. It gives almost instant re-

sponse to humidity changes. Its reliable operating characteristics are retained in ambient temperatures from 0°F to +130°F (-18°C to +54.5°C). Lag constant is less than 4 sec. for 63% of indicated range covered in an air stream velocity of 800 ft./min. (approx. 260 m./

min.). Serdex Indicators are available for measuring humidity in the range of 15 to 95% R.H.

Applications

Checking and adjusting ventilating, refrigeration, humidification, dehumidification systems.

CAT. NO.	Bacharach Code	Serdex Indicator Type	Scale Width (Inches).	Specifications Scale Range	Temperature Range
33524	*22-7056	Relative Humidity and Temperature, Precision Model	3½	0-100% R.H.	0 to +130°F
	*22-7076				-5 to +55°C
33521	*22-7059	Relative Humidity Only, Precision Model			
33522	**22-7006	Relative Humidity Only, Utility Model	2½		

* Precision Model Flange Mtg. Kit 22-0237 fits openings 5-1/8" x 4-3/8".
 ** Not illustrated.