

## Temperature control instruments for sensitive samples

Centeo Biosciences offers a range of temperature-controlled instruments which are ideally suited for keeping temperature sensitive proteins and other samples in a controlled environment throughout the required assay or measurement duration.

Centeo's "TR8" unit is of special interest for protein crystallographers who have to perform time consuming screening and with its SBS microplate footprint it is ideally suited for integration into liquid handling platforms, such as the "Phoenix" from **Art Robbins Instruments**.

The "TR8 System" is designed to provide a stable temperature-controlled environment for samples whilst they are being dispensed by automated liquid handling systems. The standard tube temperature is  $4\text{ °C} \pm 1,5\text{ °C}$ . This temperature setting can be altered by the user in the range of  $16\text{ °C}$  below room temperature and up to  $30\text{ °C}$  above room temperature with an accuracy of  $1,5\text{ °C}$  across the tubes.

Besides this, a second fixed temperature of  $50\text{ °C}$  is available on all TR8 units.

Centeo devices can be custom built in order to accommodate the protein tubes of your choice.

Please contact us for further information.



*Special introduction price!!  
Please enquire!!*

TR8 System



## Technical specifications

Microplate dimensions	127,7 mm(L), 85,4 mm(W), 43,3 mm(H)
Power	110-240VAC, 50/60Hz, 0,7A
Operating environment	3°C-20°C, non-condensing
2 sample temperatures	<ul style="list-style-type: none"><li>• 4 °C ± 1,5 °C <u>or</u> within the range of 16 °C below to 30 °C above ambient temperature (custom option)</li><li>• 50 °C</li></ul>
Temperature accuracy	± 1,5 °C
Well pitch and position:	Standard SBS (96-well) - 9mm

\* Actual thermal block temperature is set to 1 °C above or below desired sample temperature to compensate for heat transfer losses

## Features



- Accommodates up to 8 standard 200 µl protein or PCR tubes
- SBS format
- According to customer's choice:  
either 4 °C or another temperature between 16 °C below room temperature and 30 °C above
- Can be used in liquid handling systems such as the “**Phoenix**” from Art Robbins Instruments

Cat. Number: TR8-01

Price on request

Also available from Centeo:  
TP series for microfluidic chips and TG series that possess the ability to screen 5 rows of wells at different temperatures.

For further information please contact us.