

TEMPERATURE CONTROL

*separtherm*_{TJ}

TEMPERATURE CONTROL COLUMN JACKETS

Thermostat column jackets *separtherm* TJ are universal acrylic glass jackets for heating or cooling of preparative liquid chromatography columns on temperatures between -10 °C and +90 °C.

Water from circulating device is coming to a bottom input on the side of bottom circular plate and then is moving along the column up to the upper jacket plate where is an output. *separtherm* TJ jackets are designed to keep on the selected temperature the column itself. In some cases but, depending on column dimensions, mobile phase flow rate and temperature, may be necessary either to form a spiral exchanger from column input tubing sank in the jacket or to use a special exchanger to reach proper temperature inside the column.

separtherm TJ jackets are equipped with a simple stand.



Columns TJ jackets are equipped with a simple

Type	Jacket tube I.D. mm	Column I.D. mm	Column length mm
SEPARTHERM TJ 50/500	110	50	600
SEPARTHERM TJ 100/500	180	100	700
SEPARTHERM TJ 150/600	230	150	700
SEPARTHERM TJ 200/800	280	200	1000

*separtherm*_{WISD}

CYRCULATING BATHS

Type	Description
SEPARTHERM WCB 6	Thermostated heating bath, volume 6 l, robust circulation pump (5 l/min.), processor, foil keyboard control, graphic display, stainless steel cabinet
SEPARTHERM WCR P6	Thermostated heating and cooling bath, volume 6 l, robust circulation pump (5 l/min), cooling compressor, processor, foil keyboard control, graphic display, stainless steel cabinet

