

# WATERCOOLING SYSTEMS

## OPTION FOR EFFUSION CELLS

CS



A custom-designed watercooling jacket for cases where no built-in cooling system is available in an existing MBE system.

The watercooling system is individually adapted to the effusion cell type and the requirements of customer's MBE system.

Different kinds of watercooling systems are available:

- closed cooling shroud: the cooling jacket is mounted directly to the flange.
- open cooling shroud: the cooling jacket is freestanding (only the tubes are connected to the flange).
- both types are optionally available with integrated shutters.

### Technical Data

Type . . . . .	CS
Flange size . . . . .	CF 40 / CF 63 / CF 100 (or on request)
Max. outer diameter . . . . .	As specified
Length . . . . .	As specified
Construction material . . . . .	Stainless steel (316 L / 316 LN)
Connection . . . . .	Standard tube 6 x 1 (or specified)
Cooling medium . . . . .	Water/ alcohol 2 - 5 liters/ min. 1 - 2 bar