

MACHINE FOR SEALING A CRYOTUBE WITH A FILM

ABSTRACT

A machine for sealing a cryotube with a thermoplastic film, which is heated and shrunk, is disclosed. The cryotube has a cap with threads, a tube body and a tubular thermoplastic film, wherein the cap is threadably connected to an open end of the tube body and the thermoplastic film is received by the cap and the tube body at the connection thereof. The machine includes a holder for holding the cryotube, a rotation mechanism for rotating the cryotube around a longitudinal axis of the cryotube, and a heating mechanism for heating the thermoplastic film of the cryotube hold in the holder, so that the thermoplastic film shrinks.

Figure : 1