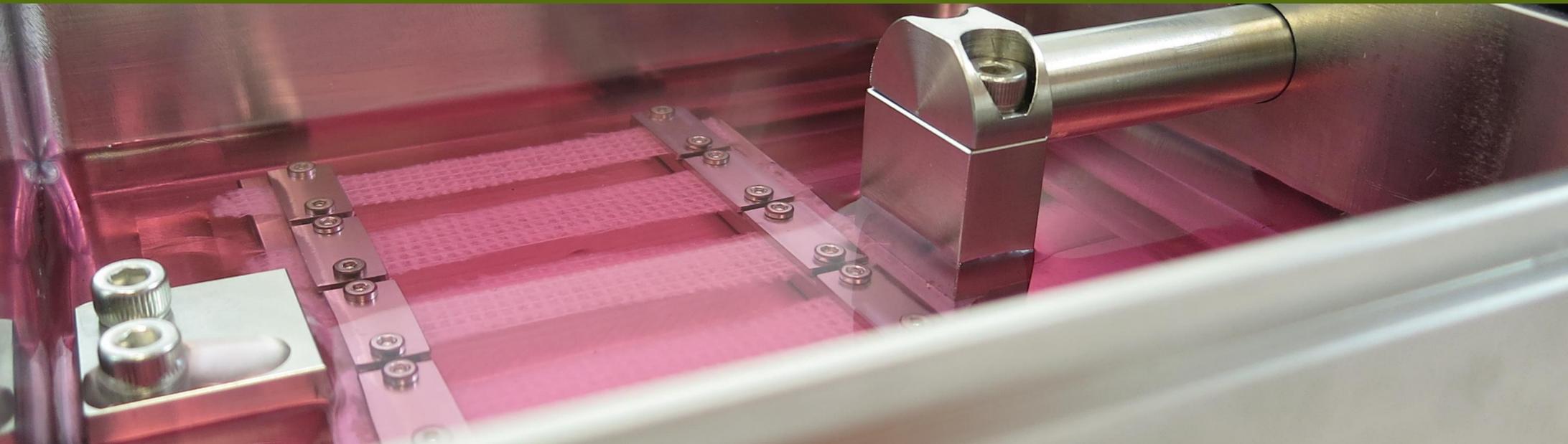


MechanoCulture T6



The MechanoCulture product group allows researchers to culture cells in a mechanically active environment. Configurations of these culture systems support single or parallel tests using a variety of flexible substrates and scaffolds. On-board controllers enable PC-independent execution of user-defined motion protocols.

All MechanoCulture systems can be operated in an incubator environment. All cell-contacting components are made from autoclavable materials.

The MechanoCulture T6 can uniaxially stretch up to 6 clamp-mounted specimens from 5 to 80mm in length. Designed for stimulation in tendon, ligament, and bone tissue engineering work, it can deliver up to 250N of thrust. For cardiovascular research, the system can stimulate at up to 5Hz.



