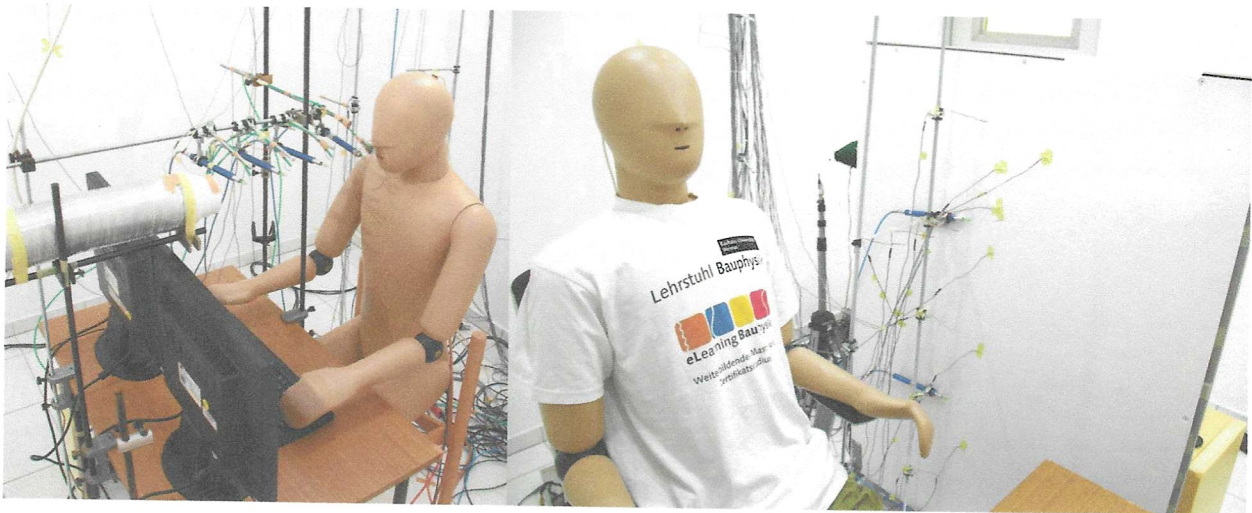


Thermal Manikin – Declaration of Uniqueness

- The PT Teknik thermal manikin is a unique thermal manikin system, dedicated for research in thermal comfort of indoor building environments:
 - Natural body-shape capable of heating like a human
 - Analysis of thermal comfort by means of 4 control modes: Fixed skin T, Fixed heatloss, Comfort equation, No heat
 - Standard thermal comfort indices PMV/PPD and Local sensation indices
 - Can be extended with a natural breathing system and walking motion system
- The PT Teknik thermoregulating technology has an un-matched performance as it is the only manikin system in the world capable of
 - Heating from cold to set point body temperature in less than 10 minutes
 - 100% stable set point with no control delay
 - Creating a uniform heat loss across the surface due to a dense 2.2 mm heat wiring
 - Maximum 'skin'-like sensitivity with heating/sensing only 0,2 mm under the surface




PT TEKNIK
Thomas Hvitved, Director of PT Teknik