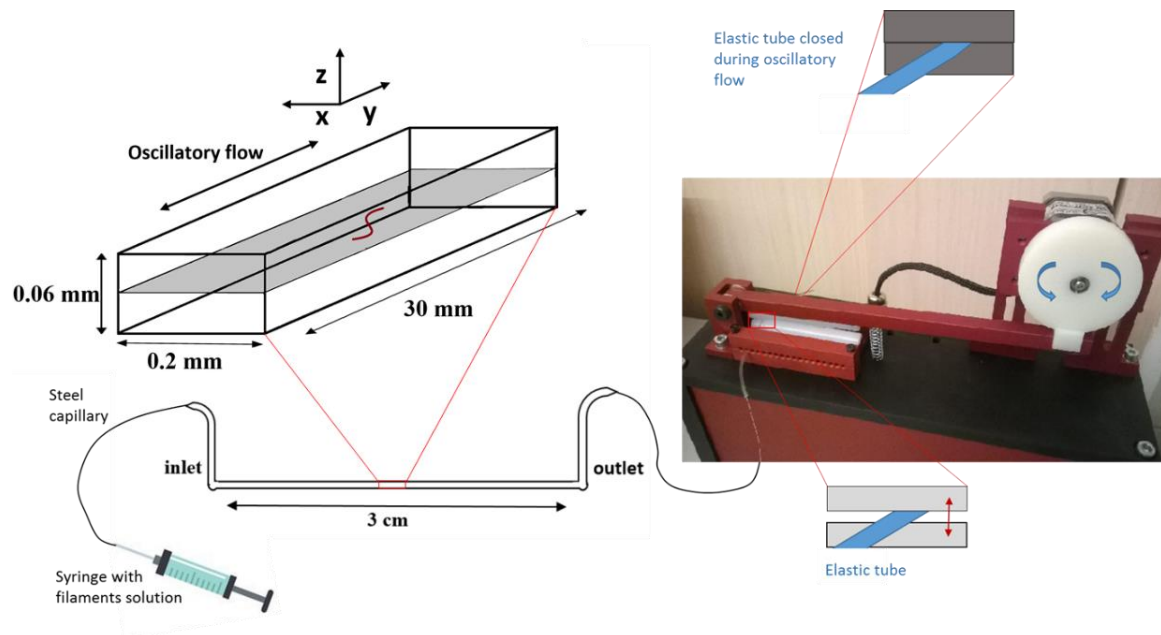


**S1 Fig. Pulsate pump**



Computer controlled pulsating pump based on periodic squeezing of elastic tube by rotating wheel. Own construction by K. Z.