

Product Data Sheet

IKA®

UTL 50 basic Inline ULTRA-TURRAX®



- For circulation or flow-through processings in the laboratory or pilot plant stations.
- Stand-supported device, low space requirement
 - Sterilizable, autoclave-compatible
 - Easy disassembly
 - Large flow rate of 24 l/min with open outlet (the mounting of a valve reduces the delivery capacity)
 - For air-free, sterile, and inline suspension, emulsifying and desagglomeration
 - For vacuum or pressurized operation to 6 bar
 - If the DK 50.11 is used, air induction is also prevented in batch operation
 - Not self-priming
 - A pump can be integrated between intake nozzle and vessel. As a result, viscous fluids can be processed
 - Not suitable for continuous operation or cyclical continuous operation

Technical Data			
Motor rating input [W]	1100	Motor rating output [W]	700
Pump rate [l/min]	24	Speed range [1/min]	4000 - 10000
Speed control [-]	stepless	Speed display [-]	scale
Noise without element [dB(A)]	72	Extension arm diameter [mm]	16
Extension arm length [mm]	220	Chamber volume [ml]	94
Attainable vacuum [mbar]	1	Pressure max. [bar]	6
Process type [-]	inline	Dimensions (W x H x D) [mm]	130 x 500 x 150
Weight [kg]	6.1	Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80	Protection class according to DIN EN 60529 [-]	IP 21
Voltage [V]	230 / 115	Frequency [Hz]	50/60
Power input [W]	700		