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Data Sheet
Crushing / Dispersers



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, emulsyfying 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

Accessories: DK 50.11 Flow chamber, R 2723 Telescopic stand, R 270 Boss head clamp, R 271 Boss head clamp

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
Ident. No.	**8015900**

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