

HKD-T 06 D IKA High-performance laboratory kneader



For processing non-flowable, highly viscous media. Uniform mixing is based on intensive processing by means of wide-bladed kneading elements. The kneading medium is moved within the trough both horizontally and vertically. Additional media quantities may be added during the kneading operation.

- The double-walled kneading chamber allows cooling or heating of the product
- The product temperature may be measured directly behind the kneading blades
- Trough can easily be removed
- Kneading blades can easily be removed
- Short kneading time
- The narrow gap between the kneading blades and trough wall ensures efficient wipe-off
- Standard version equipped for vacuum operation
- Trough cover with inspection glass and safety screen
- Optional with torque measuring

Technical Data			
Blade shape [-]	duplex	Usable volume min. [ml]	100
Usable volume max. [ml]	300	Attainable vacuum [mbar]	50
Trough for heating up to max. [°C]	210	Temperature sensor power input [-]	yes
Material in contact with medium [-]	stainless steel 1.4581	Motor rating input [W]	320
Motor rating output [W]	180	Motor protection [-]	thermostat relay
Nominal torque [Nm]	48	Speed max. (front kneading blade) [1/min]	35
Speed max. (back kneading blade) [1/min]	17.5	Safety cutout [-]	yes
Dimensions (W x H x D) [mm]	660 x 380 x 250	Weight [kg]	27
Permissible ambient temperature [°C]	5 - 40	Permissible relative moisture [%]	80
Protection class according to DIN EN 60529 [-]	IP 54	Analog output [-]	yes
Voltage [V]	220 - 240	Frequency [Hz]	50/60
Power input [W]	320		