



CENTRIFUGAL DRYERS WITH REMOVABLE BASKET with axial motor and central suspension TA-KC TYPE



TA 60 KC C2



TA 40 KC

KEY FEATURES OF TA-KC TYPE CENTRIFUGES



EASE OF USE

- Independent units.
- Quick release removable basket.
- Automatic stop.
- Maximal compactness.
- Reduced maintenance.



VERSATILITY/ ADAPTABILITY

- Numerous application fields:
 - for parts and/or swarf.
 - for de-oiling, washing, spinning, drying.
- Stainless steel version for food industry applications.



PRODUCTIVITY

- Integrated or independent heating device, allowing quicker and greater drying.
- Removable loading funnel.
- Additional baskets.

MAIN SPECIFICATION

- Axial suspension of the motor/basket assembly.
- Removable basket receiving rotational drive from the basket carrier¹.
- Quick release removable basket², removed manually by means of handles (TA.R 40 KC & TA 40 KC), or with handling attachment. Discharging by overturning.
- One piece external frame³

- to reduce over-all dimension.
- Mild steel construction.
- Basket carrier and removable basket driven in rotation by an axial motor.
- Electrical counter current braking.
- Safety devices according to European standards.
- Independent control panel⁴ or control board with timer to adjust cycle time.



TECHNICAL CHARACTERISTICS OF TA...KC RANGE

TYPE	Basket							Heating power type TA... KCC2 kW	Number of cycles per hour	Weight kg
	∅ mm	Height mm	Total volume l	Useful volume l	Max. load kg	Empty basket weight kg	Rotation speed rpm			
TAR 40 KC	300	210	15	8/12	15/25	4	750	1,4/2	9->12	100
TA 40 KC	400	250	25	15/20	30/50	7	750	1,4/2/3	9->12	100
TA 50 KC	500	280	65	25/40	50/80	12	750	1,4/2/3	8->10	180
TA 60 KC	600	330	85	45/65	80/150	28	750	3/4/6/9/12	6->8	300



- Adjustable speed by frequency inverter allowing progressive starting/braking and accurate rotating speed according to the product being processed (type TA...Vx KC).

- Heating device⁵ integrated into the lid (for baskets ∅ 300, 400 and 500mm) or independent for larger diameter basket centrifuges to accelerate and improve the drying of components (type TA...KCC2). Possibility to supply a thermo-regulator.
- Stainless steel construction⁶ for all or some parts in contact with the product (other materials or coatings are available on request).
 - Opening/closing of the lid with gas assisted cylinder⁷ or fully automatic by pneumatic jack.
 - Specific basket perforations or suitable filtration mesh or removable bag.
 - Specially designed baskets⁸: with internal partitions, for cases, buckets or rectangular boxes, with flat or perforated base plate.
 - Removable baskets lifted up and down, transferred and unloaded by robot.
 - Optional features: removable or integrated loading funnel, additional baskets to reduce lost processing times and increase productivity, angle bracket with hoist.
 - Specific versions.

OPTIONAL EQUIPMENT AND AUXILIARIES

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