

## KT-TDD5/KT-DD5A Crude Oil Moisture Test Centrifuge



### General Introduction

The crude oil moisture test centrifuge is developed based on the analysis of water content or sediment determination (centrifugation method) for water-containing crude oil products and is manufactured in accordance with the requirements of GB / T6533-86. It is an ideal equipment for the oil extraction industry and petroleum scientific research units to measure the water content of the produced liquid (ie, water-bearing and crude oil measuring instrument) in the process of oil field oil extraction.

### Features

1. microcomputer control, large-screen LCD / digital display shows rotor number, speed, time, temperature, centrifugal force, acceleration and deceleration rate, and fault information.
2. Adopt ring heater, with fast heating speed and eventemperature, with temperature control and constant temperature functions.
3. The centrifuge tube is made by a special process, and the glass centrifuge tube will not break during operation.
4. It adopts vigorous torque brushless DC motor, which is easy to operate; maintenance-free, dust-free, fast lifting speed and low noise.
5. The electronic door lock is equipped with a fault self-diagnosis system, over-speed and unbalance protection.
6. The body is made of high-quality steel structure; it is safe and reliable, and it is convenient to use.
7. Three-stage vibration reduction ensures the best centrifugal effect.

### Technical Data

Model NO	KT-TDD5	KT-DD5A
Max Speed	4000 rpm	4000 rpm
Max RCF	3215xg	3215xg
Max Capacity	4* 100ml	4 * 200ml
Speed Accuracy	± 10r/min	± 10r/min
Timer Range	1-99min/9h59min	1 -99min/9h59min
Display	LED/LCD	LED/LCD
Temperature Range	Room temperature +10°C~+70°C	Room temperature +10°C~+70°C
Temperature Accuracy	±5°C	±5°C
Motor	AC frequency conversion	AC frequency conversion
Power Supply	220V 50Hz 10A	220V 50Hz 10A
Power	550W	800W
Noise	≤60dB(A)	≤65dB(A)
Device Dimension	600 * 500 * 390mm(L * W * H)	710 * 650 * 850mm (L * W * H)
Net Weight	60 Kg	110Kg

### Matched Rotors(customized product available)

NO	Model	ITEM	VOLUME(ml)	MAX SPEED (rpm)	MAX RCF (xg)
NO.1	KT-TDD5	Horizontal Rotor	24*10/15ml	4000	3215xg
NO.2	KT-TDD5	Horizontal Rotor	16*20ml	4000	3215xg
NO.3	KT-TDD5	Horizontal Rotor	4*50ml	4000	3215xg
NO.4	KT-TDD5	Horizontal Rotor	4*100ml	4000	3215xg
NO.1	KT-DD5A	Horizontal Rotor	24*10/15ml	4000	3215xg
NO.2	KT-DD5A	Horizontal Rotor	16*20ml	4000	3215xg
NO.3	KT-DD5A	Horizontal Rotor	4*50ml	4000	3215xg
NO.4	KT-DD5A	Horizontal Rotor	4*100ml	4000	3215xg
NO.5	KT-DD5A	Horizontal Rotor	4*200ml	4000	3215xg