

# Water Washout Tester 19610-4

ASTM D1264; IP 215; DIN 51 807; ISO 11009

- New case design with large access panels for test hub and pump
- Recirculating bypass valve for pre-heating
- Rapid warm up time
- Fully removable pump for servicing
- integral bath drain
- Separate electronics compartment
- Easy to calibrate



The Seta Water Washout Tester is used to evaluate the resistance of a lubricating grease from a bearing to washout by water.

The test bearing is mounted on a hub, and rotated by an electric motor and toothed belt at 600 rev/min. A peristaltic pump draws heated water from the tank, through a filter, and sprays it, via a 1 mm capillary, onto the face of the bearing at a flow rate of 300 ml/min. The temperature of the water is digitally controlled in the range of ambient to 80 °C. The water containing washed out grease is collected in the tank, filtered and recycled. A drain tap allows the tank to be emptied at the end of a test.

The front panel has controls for water temperature, fine adjustment of water flow rate and bearing rotational speed, and a jet bypass switch to allow pre-heated water to circulate without passing through the jet.

## Specifications:

Bearing Rotational Speed:	600 ±30 rev/min
Tank Capacity:	750 ml
Temperature Range:	Ambient to 80 °C
Water Flow Rate:	5 ml/sec
Voltage:	110/120 V, 50/60 Hz 220/240 V, 50/60 Hz (switchable)
Power:	600 W
Size (HxWxD):	30 x 40 x 40 cm
Weight:	24 kg