

Transport Centrifuge Series

The Transport Series is designed for determining S&W (Sediment and Water) content on crude oil haulers, per API MPMS Ch. 10.4 (withdrawn ASTM D96). There are heated or non-heated, as well as 2 or 4-place trunnion arm configurations. The Transport centrifuges are compatible with finger (A), pear-shaped (B) or short cone (D) style tubes. The Sulfur-in-Oil Test Prep Centrifuge (Transport 3100) is ideal for preparing samples for sulfur analysis, in compliance with ASTM 4294. Petroleum samples are spun to separate sediment and suspended particulates that skew sulfur content output in X-ray fluorescence spectrometry.

FEATURES	BENEFITS
Rugged steel case assembly with reinforced mounting points and double insulation	Outdoor use and longer lifespan; reduced heat loss
Compact design	Easy installation and maintenance
Pre-heater pocket (2 slots plus extra storage)	Faster sample heating
Bowl heater	Maintain sample temperature up to 250°F
LCD temperature display (optional)	Accurate feedback of bowl temperature
Solid-state motor control with epoxy-coated electronics	No rheostat headaches; longer field life
Tachometer accessible with lid closed	Safe speed verification



"Transport 9100"
Heated Centrifuge with adjustable controls

Weight & Size

65 lbs, 18"x22.5"x12.5"



"Transport 7100"
Heated Centrifuge

Weight & Size

65 lbs, 18"x22.5"x12.5"



"Sulfur-in-Oil"
Non-Heated Centrifuge (Transport 3100)

Weight & Size

60 lbs, 18" x 22.5" x 12.5"

Available Configurations

- A, B or D tube styles
 - 12VDC or 115VAC
 - 2-Place or 4-Place Trunnion arm
- Heated or Non-Heated
 - Optional LCD Displays

Ask About LK's 24hr Replacement Guarantee

*Recommended configuration shown (see details in appendix). For pricing on other configurations, please visit www.lk-ind.com.

Centrifuge Tubes

All L-K Industries centrifuge tubes are made in-house. Tubes are calibrated volumetrically in the manufacturing facility or gravimetrically in our onsite ISO/IEC 17025 accredited laboratory. With innovations such as 2-mm wall thickness and wide-neck threads, L-K Industries can take pride in being a market front-runner in glassware.

Tube Types:



Finger (A)

12.5-ml

Hand-crank or
Mini-Melton

Applicable Standards:
API 2542



Pear-Shaped (B)

100-ml

Extended capillary tip
for accurate readings

Applicable Standards:
API 2542, ASTM
D96/API 10.4



Long Cone (C)

8", 100-ml

Laboratory settings
(Benchmark models)

Applicable Standards:
ASTM D4007/API 10.3
ASTM D96/API 10.4



Short Cone (D)

6-3/8", 100-ml

Transport models with
limited space

Applicable Standards:
ASTM D4007/API 10.3
ASTM D96/API 10.4



Capillary (E)

8", 100-ml

Best for refined fuel
products

Applicable Standards:
ASTM D2709

*Starting price shown. Complete price list is available in the appendix (Pg 26).
Settling tubes for magna particle testing also available.

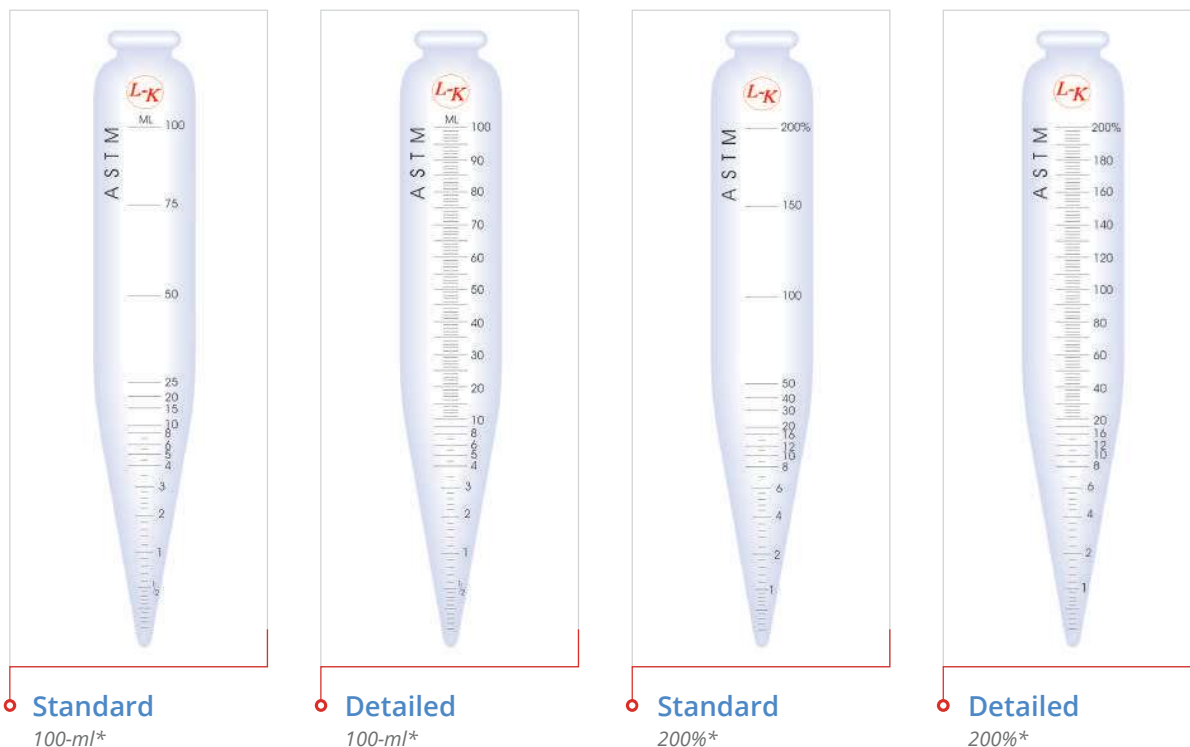
FEATURES	BENEFITS
Conforms to ASTM & API standards	Can be used in regulatory environments
ISO/IEC 17025 calibrations	Unmatched accuracy
Permanently etched, yellow markings	Higher visibility and longer life
Sand spot	Hand-labeling tubes in field or laboratory
Customizable & serialized	Specific to customer needs & traceable
Manufactured in-house	Short lead times
Wide-thread, thick-wall configurations	Durability; high-speed capability

Available Configurations:

- A, B, C, D, E tube styles
- Wide-neck or standard threads
- 100-ml or 200% markings
- ISO/IEC 17025 calibration
- Standard or detailed markings

Centrifuge Tubes

Available Markings:



*All tubes shown are tooled top. Standard tubes have detailed markings up to 10-ml (20%) mark; detailed tubes have detailed markings up to 100-ml (200%) mark.

Tips & Definitions:

- When using 100-ml tubes, ADD the S&W volume of two separate samples to account for dilution
- When using 200% tubes, take the AVERAGE of two sample tubes
- Certified – marked tubes are gravimetrically calibrated by an accredited laboratory
- Verified – marked tubes are volumetrically checked in-house (factory)
- Non-verified – marked tubes sold directly to the customer off the production line without verification

Available Tops & Threads:

