

# SPINNING DROP TENSIOMETER

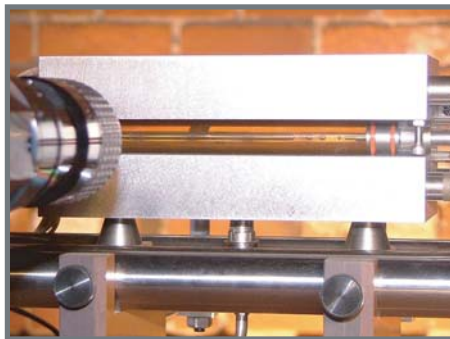


**TIRED OF LOOKING THROUGH  
THE EYEPIECE OF A MICROSCOPE?**

**...OR CORRECTING YOUR READINGS FOR  
OPTICAL DISTORTION?**

**...OR USING ONE TENSIO METER FOR LOW  
TENSION AND ANOTHER FOR HIGH TENSION?**

INDUSTRIAL ART AND DESIGN'S **SPINNING DROP TENSIO METER** ELIMINATES THESE COMMON FRUSTRATIONS WHILE OFFERING A FLEXIBLE AND RELIABLE SYSTEM FOR MEASURING INTERFACIAL TENSION OF COMMON FLUIDS AND POLYMER MELTS...



**...A COMPLETE SYSTEM WITH ALL OF THE FEATURES & FLEXIBILITY A MODERN INSTRUMENT SHOULD HAVE :**

- Measurement range: 0.0001mN/m ~ 500 mN/m
- Large testing tube: 12.7 mm diameter makes loading easy, especially for crude oils, surfactant solutions or polymer melts.
- Built in oven for temperatures up to 300 degrees Celsius is ideal for polymer melts.
- Calibration rods embedded in the tube eliminate the need for optical correction.
- Easy to use controllers with digital displays.
- Direct Drive provides vibration-free operation even at 15,000 rpm.



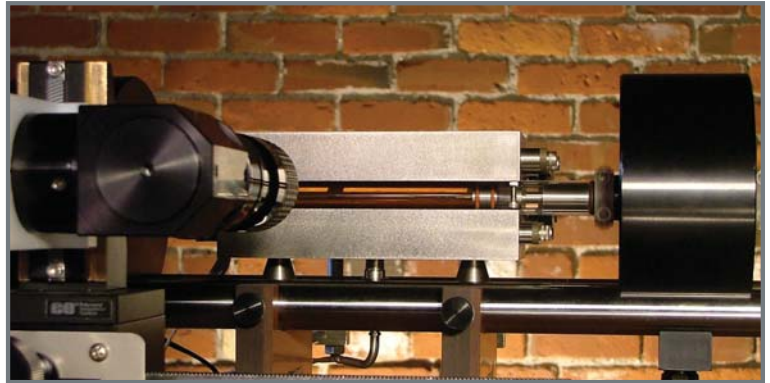
INDUSTRIAL ART & DESIGN  
1500 MONROE STREET NE  
MINNEAPOLIS, MN 55413  
PHONE : 612.788.1677

TENSIO METER@INDUSTRIALARTANDESIGN.COM

# SPINNING DROP TENSIO METER



INSTEAD OF THE MICROSCOPE USED IN OTHER SPINNING DROP TENSIO METERS ON THE MARKET, INDUSTRIAL ART AND DESIGN OFFERS A CUSTOM VIDEO MEASURING SYSTEM.

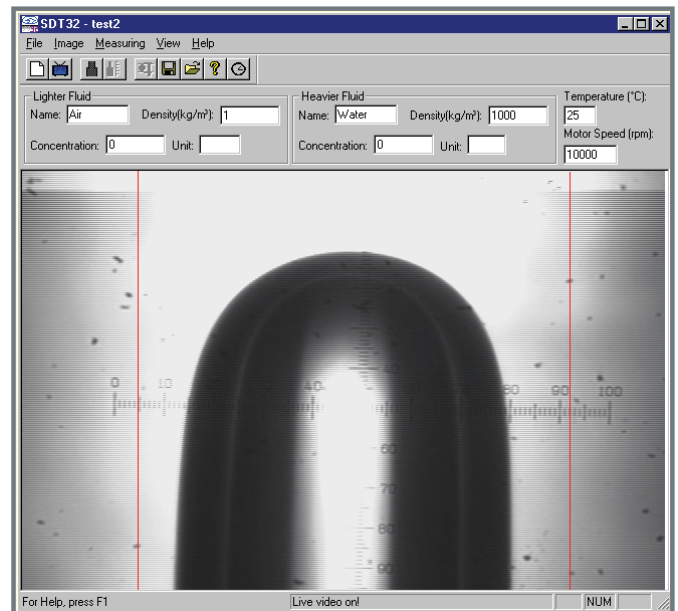


THE INDUSTRIAL ART AND DESIGN SPINNING DROP TENSIO METER EMPLOYS A HIGH RESOLUTION VIDEO CAMERA CONNECTED THROUGH A FRAME GRABBER TO A WINDOWS PC. THIS CONFIGURATION FACILITATES AUTOMATIC MEASUREMENTS WITH SPECIFICALLY DESIGNED WINDOWS SOFTWARE - **SPINWARE**.

## **SPINWARE** : TENSIO METER-SPECIFIC SOFTWARE THAT WORKS!

DESIGNED SPECIFICALLY FOR THE INDUSTRIAL ART AND DESIGN SPINNING DROP TENSIO METER, **SPINWARE** FEATURES:

- FAST DATA ACQUISITION, GREATER THAN ONE MEASUREMENT PER SECOND
- RELAXATION CURVES FOR DYNAMIC TENSION MEASUREMENTS
- FASTER MEASUREMENT OF TENSION FOR HIGHLY VISCOUS FLUIDS BY EXTRAPOLATION
- FLUID PROPERTIES DATABASE



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