Customer data sheet for Goniometer products

Thank you for choosing Folio Instruments inc. as your source of supply:

Please fill out this form so we can better understand how to help you choose the proper instrument and support program.

Product: Contact Angle and Surface tension instruments.

Liquid component:

1. What are the liquids and their values if known
2. Do you want to do liquid liquid interfacial tension
3. Will the materials react with plastic syringes
4. Will the measurement be done at room temperature or will there be a requirement for temperature control
5. Do you want to make the bubble manually or do you want an automatic dispenser?
6. What are the viscosities of the materials
7. Will there be a time component to measure
8. Will the drop be upside down

Solid component:

1. What will be the liquid and solid material.
2. Do you know the approximate contact angle
3. room temperature or temperature control and what range
4. Air interface or other gas
5. Is there a time component and what is the speed
6. Do you require receding angle?
7. Do you need tilting table (roll off angle)
8. What is the size drops will you require
9. Do you need a camera to look down at the sample
10. do you require surface energy and if so which model
11. will you ue different liquids: which oness

When do you want to purchase this What is your expected budget:
Standards to be used to evaluate performance Validation required?
Guaranties or other discussed performance levels Not described in the product brochure:
Is Installation required:
What training is required:
What is the laboratory technique used to determine the standards and what is the precision
What is the minimum sample size
How much time to do the analysis

_____   _____

Company   Authorized signature

_____   _____

Date   Salesman

Quotation _____

General Terms

Define type of sample: Liquid, alloy, solid, powder, oil, plastic, coating, mesh size

Precision: Standard deviation for a given measurement level.

Mean= Sum x/n

Std deviation- sqrt((sum(x- xmean)exp2)/n-1

RSd= Std Dev/xmean

Bias= systematic deviation from true value

Precision = Random error

Typical Precision specifications

MDL= 3 times the standard deviation of 8 measurement low concentration no larger than 10 times mdl

Minimum quantification/ operating range = approx 3 times MDL or 10 times std deviation (default is 10 x sd deviation)

Feasibility study:

A feasibility study consists of standards with a known value submitted to be tested or constructed against a calibration curve.

The statistical results represent performance levels, which can be expected from the same sample populations.

Because of variances due to factors such as particle size, matrix elements, interferences, methods of extraction or preservation, feasibility results are not guarantied for all future sample populations.

Startup: please note that startup of analyzers can take a substantial amount of time since operators must be trained, chemicals and sample preparation are often not ready on initial installation, and transport of instrumentation may damage some components.

Comments:	Office Use Only:

Thank you for your business.