

## Two Channel DMS Systems

DMS units can be supplied with two sensing channels. The sensors can be the same or they can be two different models. When dual channel data is acquired over the RS232 line, the data bits are sampled synchronously.



### Example 1: 2DMS-RC20T-RC100

This unit is equipped with:

- a) a model RC20 sensor with a small right angle tip
- b) a standard RC100 sensor

- The RC20 will be used to center cylindrical parts by measuring to the I.D. of the parts.
- The RC100 will be used to position the RC20 sensor from another part.

**Example 2: 2DMS-D20-2Bv2C1ET** This unit has: a) a model D20 sensor with a small right angle tip and UHV Passthru b) a standard D20 sensor tip with UHV Passthru



### REQUIREMENTS

Vacuum :  
10exp-10 Torr  
Tip Temperature:  
-55°C to 175°C  
Accuracy:  
needs best available

The sensors will be used to measure the friction force of a metal part inside a vacuum chamber.