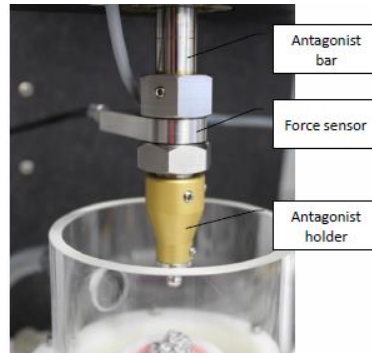


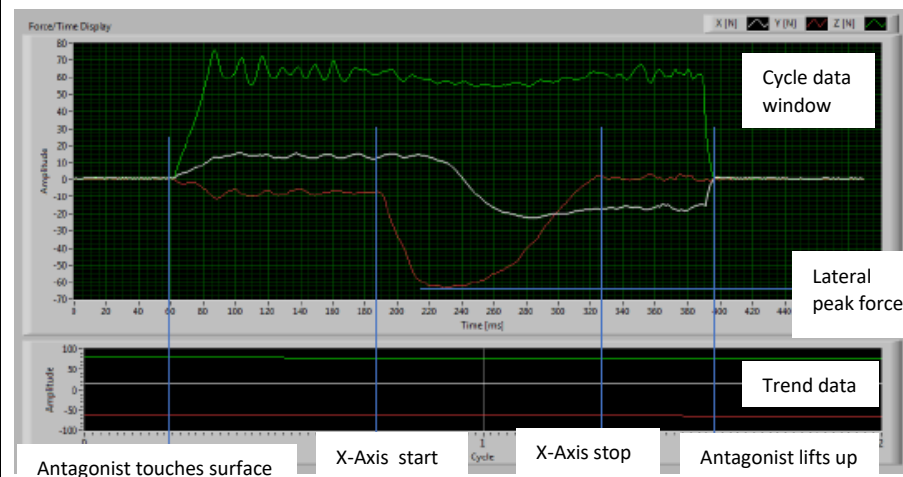
## Force and Wear Measurement for Chewing Simulators

### Force measurement

Easy installation on antagonist bar in one sample station:

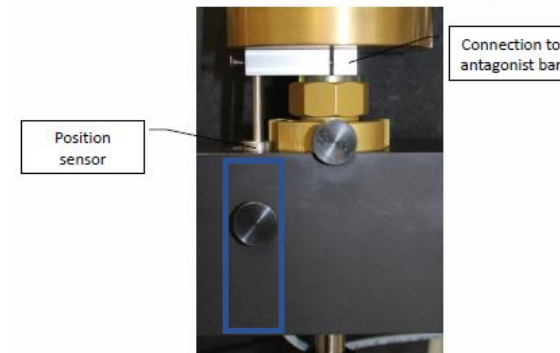


Measuring of three dimensions (x,y,z) simultaneously. X (white) and Y (red) are lateral forces and Z (green) the vertical force.



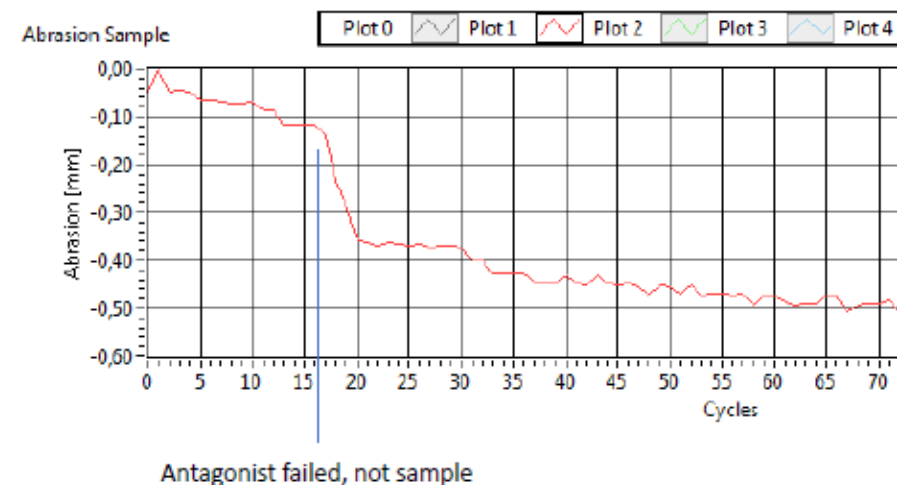
### Wear measurement

Installed in the vertical traverse:



Measuring of the antagonist bar position in vertical direction. Separated measuring of sample and antagonist wear.

View trend over whole test, i.e. detect failure of antagonist or sample:



Simultaneous measurement of force and wear is possible.  
Both together gives detailed information of sample behavior during the test (longitudinal data).