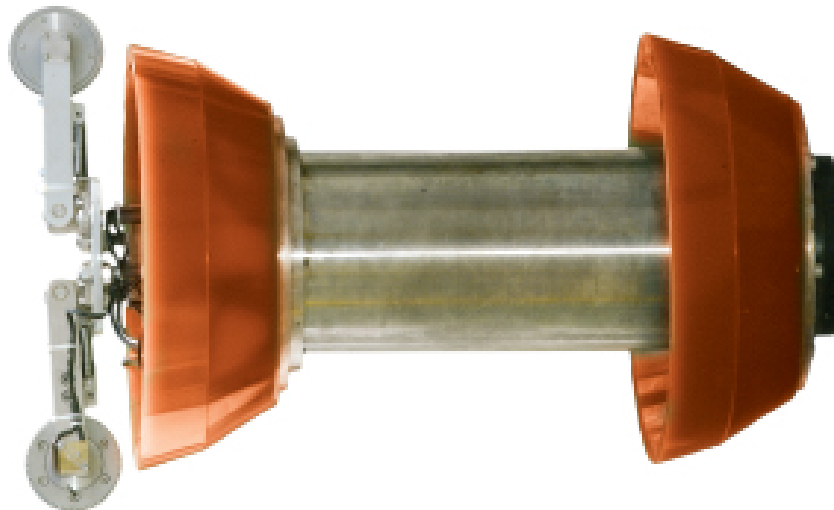




Caliper

Geometric Inspection

3" to 60"



CALIPER DETAILS:

Longitudinal distance measurement to assure accurate location of anomalies uses the same odometer system as MFL tools. Odometer sensors give 3 digital ticks per foot and analog sinusoid quadrature signals to allow for distance interpolation and forward/backward movement discrimination.

Individually calibrated magnetic based displacement sensors are strategically placed inside the cup for the ultimate in robustness.

Full data recording provides for best data analysis. Unique graphical representations for tool signal were developed to best characterize lone features and defects. An animated section view, a min/max diameter view and a 3D view are available. Interactive software allows clients to manage defect, weld and pipeline features tables as well as view raw data.