

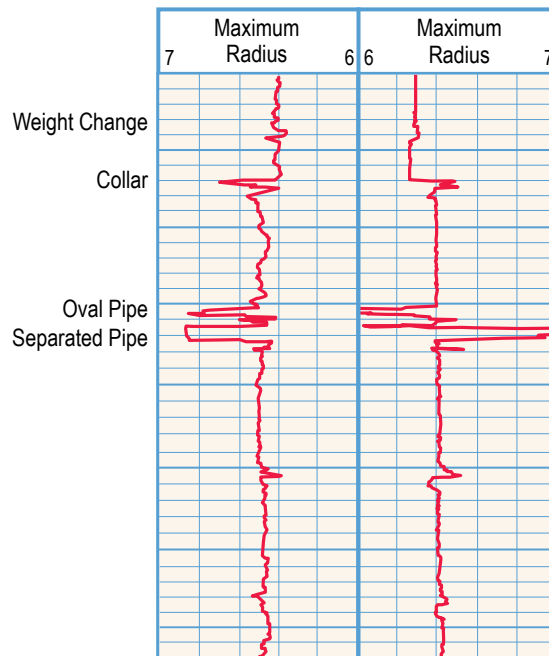


# 600°F Multi-Finger Memory Caliper

The Scientific Production Services Multi-Finger Caliper tool provides reliable and accurate data on the condition of the casing string in wells with temperatures up to 600°F (315°C).

The tool is run in memory mode and can be run using any conveyance system on the rig, including slickline. This feature reduces mobilization costs and saves rig time.

The caliper tool extends both minimum and maximum finger excursions on the inside diameter of the casing. This data is used to determine the degree to which the casing is worn and identifies anomalies, such as pits and holes. A unique sensor in the tool allows it to be opened and closed multiple times for running repeat passes over suspected problem areas. The results can be viewed on a laptop computer soon after the tool is retrieved to surface.



## APPLICATIONS

- Detect internal corrosion
- Locate pits, holes, cracks and slots
- Locate and evaluate mechanical failures
- Locate separated collars
- Identify scale and paraffin build up
- Measure internal “out of roundness”
- Identify distorted or collapsed sections
- Identify different weight or wall thickness in casing joints

TECHNICAL SPECIFICATIONS		
<b>Diameter</b>	5.31 in. (13.49 cm)	9.70 in. (24.64 cm)
<b>Length</b>	72 in. (182.88 cm)	72 in. (182.88 cm)
<b>Number of Fingers</b>	60	90
<b>Minimum Measuring Range</b>	5.31 in. (13.49 cm)	9.70 in. (24.64 cm)
<b>Maximum Measuring Range</b>	13.5 in. (34.29 cm)	18 in. (45.72 cm)
<b>Accuracy</b>	±0.05 in. (±0.127 cm)	±0.05 in. (±0.127 cm)
<b>Logging Speed</b>	30 - 60 fpm (9 - 18 mpm)	30 - 60 fpm (9 - 18 mpm)
<b>Temperature Rating</b>	600°F (315°C)	600°F (315°C)

Specifications are subject to change without notice.





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## Pipe Cross-Section and Representative Log

