



MFC: Multi-Finger Caliper
MTD: Magnetic Thickness Detector

Description:

The 56 arm **MFC tool** provides high resolution internal pipe measurements used to accurately evaluate pipe integrity. 3D visualization software enhances an operators ability to graphically view pipe deformations, pipe corrosion and pipe issues such as pipe spits/breaches

The **MTD tool** is primarily run through tubing and has the UNIQUE ability to quantitatively evaluate metal thicknesses of up to 3 separate pipe strings simultaneously

Features:

- MFC-MTD run in combination accurately determines both internal and external pipe defects
- Quantitative 3 pipe thickness evaluation and qualitative evaluation of 4th pipe
- Surface readout and memory mode options
- Built-in wellbore temperature and 3-axis accelerometer for deviation measurements
- Pre-job planning software assists in job preparation and job execution/operation
- Warrior Compatible
- Detail joint-by-joint analysis using MIPS-Pro software which has been approved and accepted by energy regulators in Alberta, British Columbia and Saskatchewan

| | MFC 56C-H | MTD |
|-----------|-----------------------|--|
| Temp | -25°C ~ 175 °C | -20°C ~ 175 °C |
| Press | 103 MPa | 103 MPa |
| Tool OD | 89 mm | 43 mm |
| Length | 2.13m | 1.25m |
| Weight | 63.0 kg | 5.0 kg |
| ID Range | 100 - 254mm (56 arms) | 60 – 473.1 mm |
| Log Speed | 30 ft/min (9.14m/min) | 30ft/min (single pipe),8ft/min (double pipe) and 6ft/min (triple pipe) |

1st Pipe: 3.5 in
 2nd Pipe: 9.625 in
 3rd Pipe: 13.375 in

