

# Integral Gauge Carrier with Bypass



## Description

The SST Integral Gauge Carrier with bypass is a fully integral machined gauge carrier with no welding or seals and is designed to carry a single SST Sapphire Pz or single SST Quartz Qz gauge. The gauge is attached directly to a gauge port with a high pressure metal to metal seal in our facility and is fully tested and qualified prior to sending to the field location. The SST Integral Gauge carrier with bypass has a mounting pad for direct mounting of the SST Y-Splice which is mounted into the carrier body for added integrity. This allows the TEC to be connected to other carriers downhole as per well construction parameters. This carrier can be supplied in either 4130 or 13Cr versions and standard or premium connections. The SST Integral Gauge Carrier with bypass is the most robust system offered for mounting our SST permanent gauges and is suitable for hostile environments where long term pressure integrity is essential.

## Features

- Integral machined design with no welds or seals
- Pressure and tensile integrity exceeds completion tubing performance
- Can be configured to monitor tubing or annulus pressure with either gauge at time of manufacture
- Metal to metal seal with gauge fully tested and qualified prior to delivery
- Available in a wide range of materials to be fully compatible with the completion design
- Gauge, Y-Splice, and TEC cable are fully protected

## Applications

- Hostile, corrosive or HP permanent monitoring
- Reservoir optimization and characterization
- ESP (Electric Submersible Pump) monitoring and optimization
- Large bore drill stem testing
- HP fracturing operations monitoring

## Operating Specification

PRESSURE RATING	Exceeds customer specified tubing rating
MAKE UP LENGTH	60 in.
GAUGE TYPE	SST Sapphire Pz or SST Quartz Gauge
MATERIAL	4130-HRC22 or 13Cr – HRC22 as standard, others available per customer requirement
END CONNECTION	API – EUE or VAM Top standard, other end connections per customer requirement

