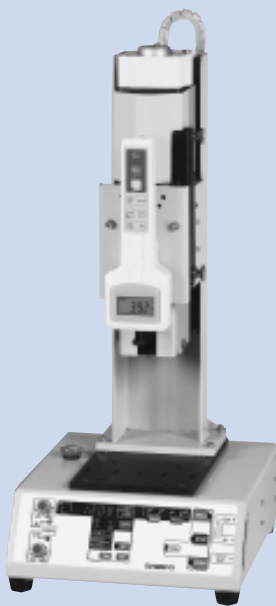


# Digital Force Gauges

## DFS Series

*Value packed - the ultimate in accuracy and sophisticated features!*

Microprocessor-controlled, the DFS series represents a unique approach to force testing. Designed to be handheld or stand mounted, the DFS features many advanced functions typically included on gauges costing twice as much. Intelligent and versatile, these high performance gauges are easily user configured for sampling and display update rate, units of measure, baud rate, data output stream, memory type and high and low set points. Large memory capacity (100 samples) and on board statistical processing allows the DFS series to operate with or without computer control. Additionally, each gauge possesses three types of signal outputs for data collection and function analysis.



DFS-R with FGS-50PVH motorized test stand

### Features

### Benefits

<b>Rapid sampling rates as high as 1000 Hz</b>	Captures events in DT and/or NDT set-ups
<b>100 sample memory capacity</b>	Can be downloaded for later use
<b>On board statistical processor</b>	Records min, max, average and standard deviation
<b>Hi and low set points</b>	Ensure test results are within necessary tolerances for GO/NO-GO tests
<b>RS232C, digimatic and analog output</b>	Exceptional flexibility in data collection and function analysis; full duplex communication ideal for downloading to SPC program
<b>Selectable display and sampling rates</b>	Provides flexibility for many testing requirements
<b>Overload output signal</b>	Prevents load cell damage by automatically terminating test stand operation
<b>Overload capacity: 200% F.S.</b>	High overload protection leads to fewer repairs
<b>Heavy-duty load sensor</b>	Designed for over one million operations
<b>Temperature compensated load sensing</b>	Allows usage in harsh environments
<b>Field calibration through keypad</b>	Easy calibration; eliminates down time
<b>Remote tare</b>	Permits hands-free operation when zeroing the gauge using foot switch or other device
<b>Hold function</b>	Provides for switch opening/closure testing
<b>±0.2% F.S. accuracy</b>	Perfect for even the strictest tolerances
<b>Peak or present reading displayed</b>	Recalled with the push of a button
<b>Measures force in lbs, kgs or N</b>	Converts measurements in the gauge
<b>Rugged die-cast aluminum housing</b>	Withstands harsh conditions
<b>Reverse display models available</b>	For handheld or test stand operation
<b>Measures both push and pull forces</b>	Conveniently determined with the same sensing shaft
<b>Auto power shut-off</b>	Prolongs battery life; gauge remains on for daily use
<b>Low battery indicator</b>	Provides ample warning to complete testing (2 hours or more)
<b>One year warranty</b>	Peace of mind

