



MTS FlexDAC™ Calibration

Benefits

- » Traceability
- » Data integrity
- » Speed of calibration
- » ISO/IEC 17025 accredited calibration available

Maintaining your data acquisition equipment is essential to collecting relevant and accurate test data. With the new MTS FlexDAC calibration offering, you can affirm the measurement integrity of your data acquisition system. Conducting partitioned calibrations on system components is critical in large structural testing applications where it is difficult to conduct a full end-to-end calibration, but where large amounts of data are collected and measurement accuracy is paramount.

When an MTS Field Service Engineer performs the calibration, you will receive a comprehensive report documenting the As Found and As Left performance of all measurement channels.

In addition, if adjustment is warranted or optimization is desired, the MTS FSE will consult with you regarding onsite adjustment options.

These partitioned calibrations will help you maintain test data accuracy and your data acquisition system performance. Call MTS today to discuss the best solution for your testing laboratory.

be certain.

Eligible Data Acquisition Systems

- » FlexDAC 20 Systems
 - 64 Channel
 - 48 Channel
 - 32 Channel
 - 24 Channel

FlexDAC Calibration Options

MTS Field Service Engineer arrives onsite to provide the calibration and leaves a comprehensive report. The FSE can also perform adjustments to the FlexDAC system. ISO/IEC 17025 accredited calibration is offered through MTS Field Service or from the MTS Factory Metrology Laboratory.

METROLOGY LABORATORY
 MTS Systems Corporation
 14000 Technology Drive, Eden Prairie, MN 55344
CERTIFICATE OF CALIBRATION

MANUFACTURER: MTS Systems Corporation CUSTOMER NAME: MTS Metrology
 MODEL NUMBER: MTS FlexDAC™ 20 CUSTOMER ID NUMBER: 12345678
 SERIAL NUMBER: 0000221E MTS SITE NUMBER: 123456
 DESCRIPTION: Data Acquisition System

MTS SYSTEMS CORPORATION
CALIBRATION REPORT

MANUFACTURER: MTS Systems Corporation CUSTOMER NAME: MTS Metrology
 MODEL NUMBER: MTS FlexDAC™ 20 CUSTOMER ID NUMBER: 12345678
 SERIAL NUMBER: 0000221E MTS SITE NUMBER: 123456
 DESCRIPTION: Data Acquisition System CALIBRATION DATE: 21-Feb-2015

EXCITATION CALIBRATION GRAPHICAL SUMMARY

0.1V EXCITATION SUMMARY 1.0V EXCITATION SUMMARY

2.0V EXCITATION SUMMARY 4.0V EXCITATION SUMMARY

6.0V EXCITATION SUMMARY 10.0V EXCITATION SUMMARY

Example of a calibration certificate and report



MTS Systems
 14000 Technology Drive
 Eden Prairie, MN 55344-2290 USA
 Telephone: 1-952-937-4000
 Toll Free: 1-800-328-2255
 E-mail: info@mts.com
 www.mts.com
 ISO 9001 Certified QMS

MTS is a registered trademark and MTS FlexDAC is a trademark of MTS Systems. These trademarks may be protected in other countries. RTM No. 211177.

©2011 MTS Systems
 100-307-977b FlexDACcalibration • Printed in U.S.A. • 09/21