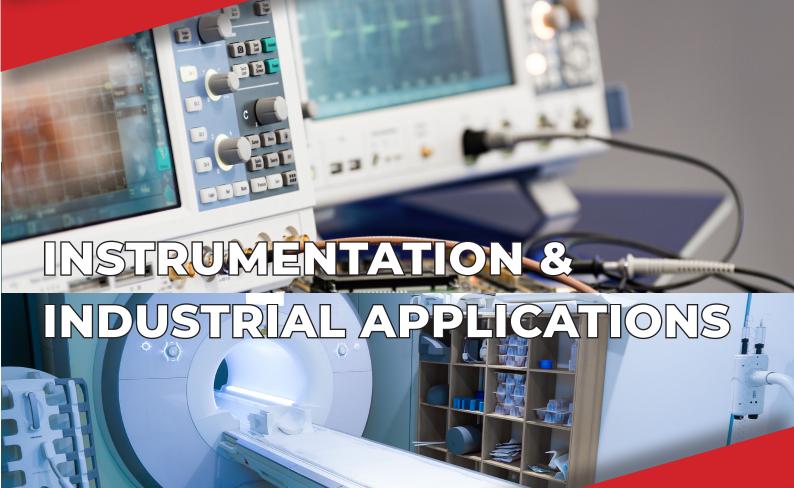
**SUPERIOR PERFORMANCE SINCE 1965** 





FILTERS & OSCILLATORS

SHORT FORM CATALOG



### A REPUTATION OF RELIABILITY AND PERFOMANCE

# MISSION PROVEN FILTERS AND OSCILLATORS FOR OVER 55 YEARS

MtronPTI is a proven market leader for filter products and tight stability, low phase noise and low aging oscillators. As a fully integrated design and manufacturing organization, MtronPTI has an established team and track record to meet Instrumentation and industrial applications requirements.

#### **OUR CUSTOMERS**

Keysight Technologies
National Instruments
GoWell International
Vega Grieshaber KG
Viavi Solutions Inc.
NCR Corporation
Landis & Gyr
Siemens
Resideo
Anritsu





### OUR INSTRUMENTATION & INDUSTRIAL ADVANTAGE

MtronPTI offers standard and custom products that meet flexibility, performance and reliability requirements for all instrumentation and industrial application needs.



#### **CAPABILITIES**

- Ultra-low phase noise, tight stability and integrated PLL in small package
- Wide operating temperature, +200 C for downhole applications
- · Wash proof surface mount LC filters
- Low Intermodulation Performance and Very Low Insertion Loss
- Low phase noise, tight stability and low aging TCXOs
- Support all standard output types, voltage, and packages

## NitronPTI

#### **PRODUCT LINES**

- Tight stability, Low Phase Noise and Low G-sensitivity OCXOs up to 6 GHz
- · LC Filters to 6 GHz
- PLL integrated Oscillators
- Cavity / Waveguide Filters to 30 GHz
- Low Phase noise VCXO
- · TCXOs up to 1.4GHz
- Low phase noise and small packaged oscillators



## WE KNOW INSTRUMENTATION & INDUSTRIAL



Our expert team of Engineers, Testers and Assemblers know the demands of instrumentation and industrial applications and the discipline required to deliver high performance and highly reliable products.

#### IN HOUSE TESTING

- Fine Leak Testing Helium per MIL-STD-202, Method 112
- Gross Leak Testing per MIL-STD-202, Method 112
- Random Vibration per MIL-STD-202, Method 214A
- Sinusoidal Vibration per MIL-STD-202, Method 201 and 204
- Mechanical Shock per MIL-STD-202, Method 213
- Thermal Shock per MIL-STD-202, Method 107
- Terminal Strength per MIL-STD-202, Method 211
- Other Miscellaneous Testing including: Life, Immersion, Humidity, Barometric Pressure, Solderability
- · Dielectric withstanding voltage, Insulation Resistance

#### **PRODUCTION CAPABILITIES**

- Low Phase Noise Testing
- Aluminum wire bonding
- In House Crystal Processing
- World-class FOD Control
- Laser Weld

#### **WORKMANSHIP STANDARDS**

- In-House J-STD-001 Certified Trainer
- · J-STD-001 Class 2 & 3

#### **FULL DC and RF TESTING**

- RF Testing 100 KHZ to 40 GHz
- · RF Power Test
- CW to 200 Watts

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