

# OFFICE FURNITURE TESTING

## *SINCE 1999*

*Our business : Providing Results and Value*  
*ISO 17025 Accredited*



# ABOUT US

*Micom Laboratories Inc. is established in Montreal, Quebec, since 1999. Micom offers a complete range of testing services for coatings, paints and electroplating. Micom specializes in the accelerated aging, physical and mechanical tests by using well-known standards, such as:*

*BIFMA Testing, Office Furniture Testing, Domestic*

*Furniture Testing, SEFA & Packaging Testing*

*Our promise: Beyond testing, we will advise you in selecting the right test methods and conditions to obtain meaningful results addressing your specific needs as well as help you finding cost effective solutions.*

## OUR VISION:

Sustainable development through testing.

## OUR MISSION:

Offer our customers accelerated aging test services.

## OUR VALUES:

- Practicality
- Quality
- Dependability
- Ingenuity

# “BETTER PRODUCTS THROUGH TESTING”

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## Serving a Wide Range of Industries

Micom offers surface finishes testing to a wide range of industries both in Canada and in the US.



**ELECTRONIC:** Siemens, Smart Technologies, Nautel



**AEROSPACE:** Airbus, Safran Zodiac Aerospace, Toray Composites Materials America



**POLYMER:** IPL, Soucy Group, Urethane Technology



**INDUSTRIAL:** Herman Miller, Venmar, Tafisa, Knoll



**ENTERTAINMENT:** Cirque du Soleil, Show Canada, Stageline



**AUTOMOTIVE:** Bombardier Recreational Products, Volvo Group, Consolidated Metco



**HEALTH SCIENCES:** ArjoHuntley, CAE Healthcare



**CONSUMER PRODUCTS:** Artika, Anseco Group, Loblaws



**PHARMACEUTICAL:** GSK Biologics, Genetech, Covidien, Stryker



**FOOD:** Kraft, Danone, Clif Bar



**COATINGS:** Rustguard

# OUR OFFICE FURNITURE TESTING SERVICES

At Micom, we comprehend the technical and certification challenges you face and can provide assistance in preparing test plans and test protocols to help you achieve the desired outcomes.

Frequently, you may need to have your office furniture tested for government or similarly substantial contracts. If you're developing a new product, conducting tests before its launch can save you the cost and hassle of recalling or rectifying defective items. Concerning liability and security, testing your furniture according to a widely recognized, albeit voluntary, standard can help strengthen your case by demonstrating that safety measures have been implemented.

We aim to make the furniture testing process as straightforward as possible. The best approach is to send us your detailed price list or any similar document containing all units and unit sizes. We will then work with you to determine which units need qualification and which sections can be omitted. For example, you may want your desks to be tested, but not your conference tables, or vice versa. We will then ask you a few questions about the construction of your units. After that, we will prepare and submit a quote. Once we reach an agreement, you will receive the bill of material and test plan.

## OFFICE FURNITURE STANDARDS WE ARE ACCREDITED FOR:

- ANSI/BIFMA X5.1: Office Chairs
- ANSI/BIFMA X5.3: Vertical Files
- ANSI/BIFMA X5.4: Lounge Seating
- ANSI/BIFMA X5.5: Desk Products
- ANSI/BIFMA X5.6: Panel Systems
- ANSI/BIFMA X5.9: Storage Units
- ANSI/BIFMA X5.11- (draft)
- ANSI/SOHO S6.5: Home office, small office furniture
- ASNI/HFS 100
- CAN/CGSB 44.232: Office chairs
- CAN/CGSB 44.227: Freestanding Desk products
- CAN/CGSB 44.229: Panel Systems
- CAN- Z-412
- GSA FNAE 80-214A
- GSA FNEW 83-269E



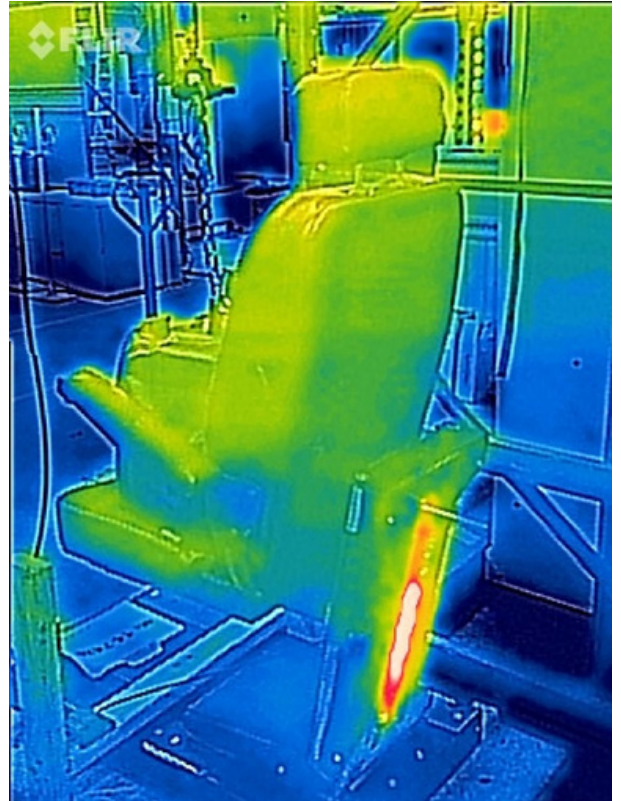
## QUALITY ASSURANCE & EXPERTISE

Throughout the testing process, especially on larger projects, you will receive a weekly update. In the event of any failures, you will be notified by phone or email on the same day. When applicable, we will provide images of the failures at no additional cost. Resolution of any issues can then proceed. We also have video capabilities.

Once testing has been completed, comprehensive test reports will be prepared and sent by mail.

Micom specializes in assessing the durability of a wide range of office furniture, including chairs, desks, panel systems, theater seats, storage units, and folding tables. With over 80 years of expertise in the field of furniture and material testing, we are the ideal partner for evaluating your products.

Our commitment to providing a responsive service, delivering accurate test results, and offering a high level of expertise is matched by our competitive prices.

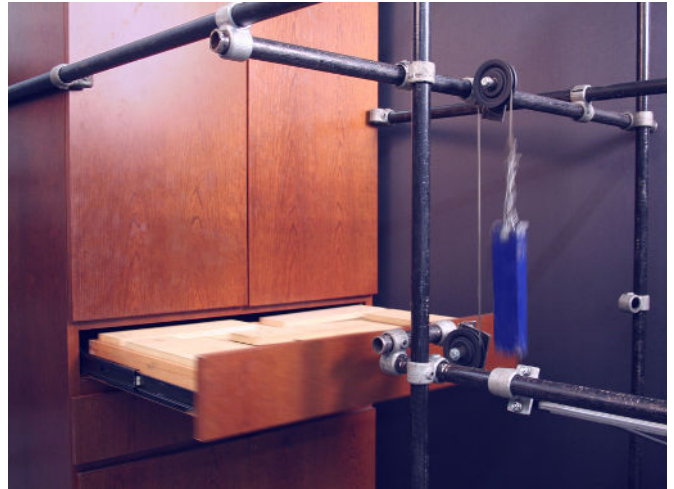


## MATERIAL TESTING SERVICES:

At Micom we offer routine and non-routine material testing for a wide range of materials and products. Whether your requirements involve temperature and humidity cycling, ultraviolet exposure, surface finishes, packaging testing and optimization, or mechanical properties, our team of material testing experts is ready to assist you in creating a customized and insightful test plan tailored to your specific needs.

With years of specialized technology testing expertise, in-depth experience, and absolute commitment to customer care, our experts do more than simply test your products. Micom is dedicated to delivering material testing services that provide exceptional value to our wide-ranging customer base.

Place your trust in our expertise, and allow us provide you with real answers and the insights you need to enhance your products.



*Furniture Testing*

## SPECIFIC MATERIAL TESTING SERVICES:

Micom offers a wide variety of mechanical and physico-chemical material testing according to various standards (ASTM, CGSB, ISTA, ANSI, CSA others). Our specialists can also provide you with custom material testing services focused on your specific needs.

Our facilities allow us to test a wide range of raw materials and finished products. Whether you need temperature chain testing, consumer products, composite materials, or accelerated ageing Micom's staff is always available to support your technical needs.

Our facilities are also equipped to test prototypes, simulate intensive use of products and materials either to validate your design or investigate a field failure. Our quality control system complies with ISO 17025.



# THE TEST METHODS AND SERVICES OFFERED INCLUDE:

## CLIMATE, UV AND CORROSION EXPOSURE:

- Climatic chambers - Humidity, temperature cycling -78°C to +150°C, 10 - 95% RH
- U.V. exposure - ASTM G-155, G-154, SAE J -2412,
- Salt spray - ASTM B-117, CCT-A, CCT-D, MCT-1M, MCT-2M, SAE J-1563, BMW CCT, VDA 621-415, ISO
- 7253, ASTM D-1735, ASTM D-2247, ASTM D-5894,
- ASTM G-85
- Accelerated temperature aging
- Laboratory simulations of field failures
- Thermal shocks (-78°C to +200°C)
- HASS/HALT
- High & low temperature tensile & compression
- tests



## OTHER SERVICES AND TESTS:

- Computer data acquisition and control
- Custom testing
- Research and development
- Other ASTM test methods
- Scientific expertise and consulting services

## MATERIAL PROPERTIES:

- Tensile Strength (ASTM D-638, D-1623, D-2990, D-5574)
- Compressive Strength (ASTM D-695, D-2990, D-4762)
- Flexural Strength (ASTM D-790, D3043, D-5616)
- Foam (ASTM D-3574)
- Latex gloves (ISO-10282 & 11193)
- Moisture Absorption (ASTM D-570)
- Particle Board Testing (ASTM D-1037)
- Specific Gravity (ASTM D-792)

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