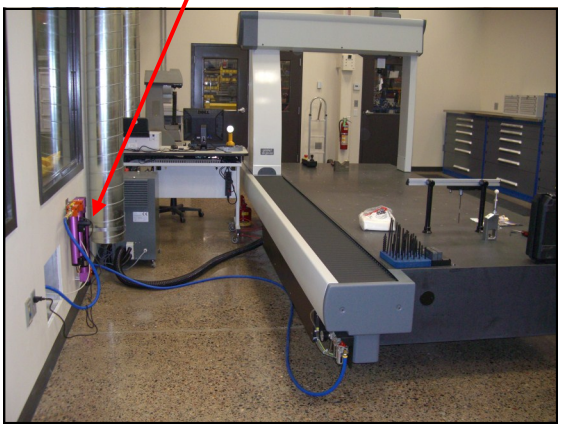
TSUNAMI
COMPRESSED AIR SOLUTIONS™

Coordinate Measuring Machine Filtration Systems

The **number one** cause of down time and repair is **oil** and **contamination** from your compressed air system. It causes fouling of the air lines and air bearings inside your CMM.

Maximize the performance of your CMM!



Our best solution—CMM Membrane Dryer Filtration System
(P/N 21999-0524)

- First stage Tsunami Oil Coalescing Filter
- Membrane Dryer Unit
- Third stage Tsunami Activated Carbon Filter with High Flow Piston Regulator
- Electronic Drain Valve for 1st and 2nd stage filters

Why Tsunami?

- Reduce down time and expensive repairs
- Maintains accuracy of your machine
- Complete system installs in minutes.
- First stage removes water and oil down to 10 micron
- Second stage oil coalescing filter removes oil mist and aerosol down to .01 micron
- Third stage removes oil vapor down to .003 parts per million (ppm)
- Single programmable auto drain ejects oil and water
- Lowest pressure drop of any filter package (1.8 psid)
- Micro-flex element capacity 3 times larger than our competitor's elements (Efficiency: Dry 99.949 Saturated 99.920)
- Grade "D" instrument air meets HEPA air quality standards.
- Flow rates from 20 cfm to 50 cfm

Easy to maintain under normal shop conditions:

- First stage stainless steel element **NEVER** needs changing
- Second and third stage elements—changed every 6 months

Tsunami Compressed Air Solutions™ is a division of
Suburban MANUFACTURING, INC.
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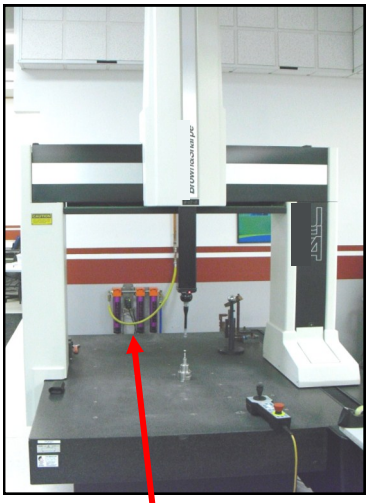
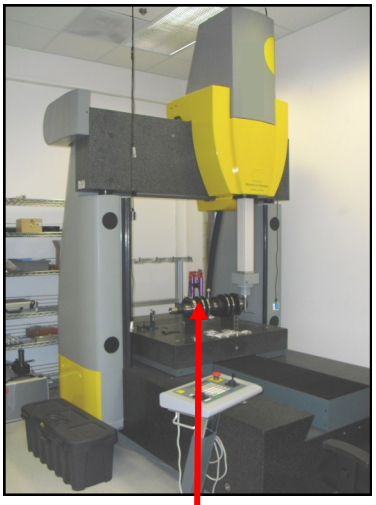
Typical Installations of Filtration Packages

Three stage filtration removes water, oil, and oil vapor—**providing instrument grade quality air**

P/N 21999-0457
20 Series CMM Filtration Package with regulator



P/N 480-5039
50 Series CMM Filtration Package without regulator



P/N 21999-0291
50 Series CMM Filtration Package with regulator

Total Inspection Room Solution

Tsunami Regenerative Dryers

10Hp to 30Hp Wall Mounted Units

Very Dry Air with Low Relative Humidity - Dew Points down to –80°F / Relative Humidity down to .01%rH

- Easy Maintenance—replace a coalescing filter element every six months
- Dryer housings manufactured from solid aluminum billet
- Dual outlet ports
- Dual inlet / auxiliary ports
- Each tower housing has a single piston spool
- Cartridge style regeneration orifices
- Low cost to maintain—under $100 a year on average
- Stronger construction; eliminates casting porosity
- 1” NPT ports provide for easier installation options and reduces pressure drop through the dryer
- Less parts, more reliable, and easy to service
- Provides the ability to customize the performance of your dryer

Visit us online for more product information and exact specifications! www.tsunami.us.com