



Shake & Bake

Environmental Stress Testing Services

Cascade TEK News

www.cascadetek.com

Volume 3 2004

Movin' on up!

Expansive New Test Lab Opens January 2005!

Fueled by expansive growth & our overall malaise for paying rent, Cascade TEK has purchased a 20,000 square foot facility in Hillsboro, Oregon.

"I am very excited to open the premier testing facility in the Pacific NW. Nowhere else will our customers find such expertise & one-stop shopping for testing, equipment purchases or repair..." - Doug Barrett, President

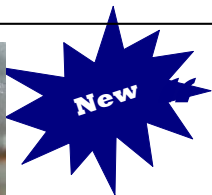
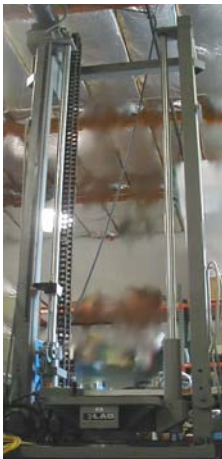


Witnessing Tests at Cascade TEK is Not Boring. New Facility Highlights:

On-site Café...Customer Workstations with Internet Access...Air Conditioning...
Close to MAX & Hawthorne Athletic Club...Classroom...Comfortable Vibration Control
Room... Customer Lounge with XBOX, Cable TV, DVD...
and....RUDY!



To Schedule a Tour...Contact Doug Barrett dbarrett@cascadetek.com



"SHOCK & AWE"! - D. Rumsfeld

Free Fall Shock Tower Crashes Into Operation

Cascade TEK is pleased to announce the arrival of our new free fall shock tower. Capable of both Half-Sine and Sawtooth profiles. Up to 1000g's makes it suitable for the most rigorous shock profiles you can imagine. Contact terry@cascadetek.com for details.

**Welcome Back! Glen Evans, Senior Lab Technician
Cancer Survivor & *Toughest Man Alive!***

Cascade TEK is pleased to have Glen Evans back to work after successfully battling cancer. Early in the fight, Glen’s engineering prowess was demonstrated when he rigged up a portable, wearable chemo-delivery system so he could continue to run tests during treatment. Now that’s dedication!



Glen Evans
The Man!

We Do That! ALTITUDE TESTING



Our altitude capabilities top out at 100,000ft. Even better, our altitude chamber can achieve temperature at altitude!

Altitude Testing is a common requirement in military and aviation industries. Highly recommended!
Contact terry@cascadetek.com.

Special Notice: Turnkey Vibration System Available

Every so often, Cascade TEK has a unique piece of test equipment available for sale.

This time around it is a Ling 2512 Vibration System.

A compact but powerful and versatile shaker in LIKE NEW condition.

2” Stroke!

2500 lbf Sine & Random

Ampflier, 1500 cfm blower, accelerometers & controller all included.

This unit is being sold with installation, start-up training and a warranty. Budgetary Price \$38,000.

Please contact Mary Babitz / mary@cascadetek.com for more information.





TOP
10

Reasons Why Electronic Products Fail FCC Testing

Vital List Surprisingly Not Featured on David Letterman Show

1. Ignoring or downplaying FCC Requirements for the product during initial design phase
2. Selecting the fastest components and highest clock rate
3. Using a single or two-layer board instead of a multi-layer PC board
4. Not considering emissions in clock layout
5. Not using enough bypass capacitors
6. Using unshielded cables
7. Using plastic connectors
8. Not using ferrites in cable design
9. Not incorporating a power line filter
10. Not shielding the chassis properly

*Reprinted from:
"Why Electronic Products Fail FCC Testing,
by Shawn Singh,
Compliance Engineering Magazine
2004 Annual Reference Guide.*



www.cascadetek.com

Entire Test Equipment Inventory Now On-Line!

"Be sure and visit our new website!". Sure, every company says that. But if you are one of the first three Shake N' Bake readers to visit our reconditioned equipment page and you can follow these laborious instructions...you will win a \$25 gift certificate to Costco!

Simply visit www.cascadetek.com. Go to the "reconditioned equipment" page.

Select any one of the category listings. Preview the list of chambers, and on any unit, Select "Click for Full Details". Next Click the "Request a Quote" Link and respond with "I read Shake & Bake." The first three individuals win! Good Luck!

This is the spot where all the fine print legal-ease about contest rules, corporate regulations and disclaimers would typically go. No Cascade TEK employees or their families can win. Rudy cannot win, unless President of Company says so. Winners are selected based on time email rec'd. When sending the email, please make no mention of that you need URGENT ASSISTANCE wire transferring millions of dollars out of the Congo, prescription meds on-line or web-cam subscriptions. We may announce the winner's new found Costco prosperity in future issues of Shake N Bake, but only if we are struggling for new material. Thank you.



Environmental Stress Testing Services & Equipment

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Win CASH for COSTCO
See Inside!

Rudy Says: *“Keep me in the lifestyle to which I have become accustomed...”*



Rudy, Manager
Complaint Dept.
rudy@cascadetek.com

CALL CASCADE TEK

For Information on the Following Services:

- Environmental Stress Testing (Climatic & Dynamic)
- New and Used Test Equipment Sales & Rentals
- Chamber Rebuild / Refrigeration Retrofits
- Test Chamber Calibration / Preventative Maintenance Service

Phone 503-648-1818 or 888-835-9250

Email: mary@cascadetek.com

www.cascadetek.com