



# OMEGA Productive Services, Inc.

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## WINTER 2006

Editor: Max Carthew

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### Quote of the Month:

“Problems cannot be solved at the same level of awareness that created them.”

-Albert Einstein

## ? Ask Dr. Brush



Contributed by:  
Max Carthew  
C.E.O.

Max Carthew attended the GILL Distributor conference in England last November. The Airstat PDA was part of the exhibit of new instruments incorporating the GILL acoustic anemometer. Distributors from many countries showed interest in the product and have agreed to introduce their customers to the portable air velocity technology.

The distributor for Netherlands, Belgium and Luxembourg, Wittich and Visser are including the Airstat PDA in their exhibits at VSK 2006 in Utrecht at Stand AO19. The fair runs from Monday January 30th to Friday February 3rd.

This trade fair is the largest for heating, air conditioning and climate control technology. We are anticipating 60,000 visitors and 500 exhibitors for this year.




**VSK 2006**  
**VISIE OP COMFORT**  
 VAKBEURS VOOR VERWARMING, SANITAIR  
 KLIMAAT- EN KOUDETECHNIEK MAANDAG  
 30 JANUARI - VRIJDAG 3 FEBRUARI  
 9.30 - 18.00 UUR JAARBEURS UTRECHT

For more information about the trade fair go to [www.vsk.nl](http://www.vsk.nl)

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Nieuwe handluchtsnelheidsmeter met WindSonic en PDA



Acin introduceert de AirStat, een gevoelige en nauwkeurige luchtsnelheidsmeter met WindSonic en PDA, meetbereik vanaf 1cm/sec.

Please click on this link to see OMEGA's brochure about the Airstat PDA  
<http://omegapro.com/brochure/Portable%20Anemometer%20Airstat%20PDA.pdf>

## Energy Saving Opportunities by Equipment Shut down

With the constant run around of today's fast paced world, people don't realize how much energy is being wasted on a daily basis. By simply shutting off a light bulb when you leave a room or turning off the water when you brush your teeth, energy can be conserved and money can be saved. On a small scale, a person forgetting to turn off a light when leaving a room may only cost him/her a couple of dollars at home. But to an automotive plant, shutting off the thousands of light fixtures within the building when not required may save the plant several hundred-thousand dollars in energy costs per year. By going the extra step and being pro-active with energy conservation, the automotive industry can significantly reduce their overhead costs and save money. Not to mention also helping to protect the environment by consuming smaller amounts of natural resources.

Heating, Cooling, and Electricity utility usages are the biggest areas to focus on energy conservation in an automotive plant. When a plant is not running production, plant management should shutdown the equipment, lights, or anything else that will not compromise the safety of their employees. By shutting down the equipment and lighting during the weekend, shift/breaks, and anytime during production shutdowns, there is money to be saved. Here are some examples of methods that a plant can look into, as means of lowering the burden of excessive energy usage; properly controlling Heating and cooling set points, lowering the volume of treated airflow in areas that are over-ventilated, installing motion detectors for lighting, or even recirculating already heated/ cooled airflow inside the building. By recirculating airflow that already has been heated/cooled, the employer can cut back on the gas and power that it would take to either heat/cool the non-treated air.

Energy is a major topic in the news today, but with a little hard work and awareness, industries and people can learn to not only save the environment, but save a little money as well. Energy conservation should be apart of every automotive plant agenda. By conserving energy, these plants will have extra money to make a quality product for the hardworking consumer.

*Contributed By: Dave Matejewski  
Kettering Co-op Student*

### **Airstat PDA News**

For those of you who are not familiar with Omega's newest airflow measurement device, the Airstat PDA optimizes the measurement process with 2-axis measurements, data logging and many other features. Recently Omega has begun a major transformation in the software programming. The new software, Version 2, will be converted from Embedded Visual Basic 3.0 to Microsoft Visual Basic .NET. VB .NET will allow OMEGA to install the Airstat PDA software on any brand name PDA with the Pocket PC Operating System.

There is another major development in the works for the Airstat PDA. OMEGA has begun developing another new version of software that will allow the unit to be wireless via Bluetooth. With Bluetooth enabled, the Airstat PDA can be extended on a pole while the user simply holds the PDA and presses a button. Other benefits of Bluetooth are:

- Measurement Versatility - unit can be placed in areas where humans may not fit or should not stand for prolonged periods of time
- Convenience – The PDA can remain with the user at all times, but can still be attached to the Equipment Mold if necessary
- Wire Free – Communication is wireless. No physical connection reduces the potential for a bad connection or worn out pins from frequent use.
- PDA Selection – With Bluetooth enabled, any brand name PDA with the Pocket PC Operating System can be used.

OMEGA will keep its customers informed of the latest development, as the Airstat PDA climbs to new heights. There will be upgrades available for our current customers who have already purchased Airstat PDA Version 1.0.

*Contributed By: Derek Decker – Kettering Co-op Student*

## BRAGGING CORNER



Eric Gifford, Engineering Manager, became engaged to Kristin in October. Congratulations!



Max and Annick's daughter, Jessica DeMink-Carthew, started working as a teacher of 6<sup>th</sup> – 8<sup>th</sup> grade students in Howell and is learning how to handle the "tricky" ones.



Jeff and Julie Wallis' daughter Susan surprised them with news that they will be grandparents in April 2006. The Wallis' are excited about becoming grandparents for the first time and are eagerly awaiting the arrival of their precious little grandson.

## Mich - Again



### Museum bars

At the height of the lumbering era, thirsty shanty boys, who couldn't wait to sink their hard-earned money in several pints of beer, wobbled across the town of Ironwood (Michigan's Upper Peninsula) across to the town of Hurley, Wisconsin. The two towns were intermeshed and, lacking welcome signs on both sides of the border, people went in and out of the two without knowing it. However, Hurley had a distinct advantage over its rival: it boasted more than forty bars along its main street. A common wager among lumberjacks was the traditional payday "Walk through Hurley", meaning drinking one 25 cent beer at each of the bars. The last man "standing" was the winner. Not surprisingly, brawls erupted and knives were brandied, to the cost of several lives.

It did not escape other entrepreneurs that nice little fortunes could be made, satisfying willing customers' thirst. Bars popped all over the Western Peninsula. Most of them attached to what would eventually be called "Museums". Shanty boys' money did not always equal their drinking habits and they "donated" artifacts in trade for beer.

One of these, still standing, Stubb's Museum Bar, in Ontonogan, sells cheap draft beer even now. "Stubb" had lost a hand in a prior accident and happily collected artifacts. A worth-seeing vast collection of donated articles – wood carvings, guns, ice skates, Indian artifacts, photographs, and an impressive assortment of oddities— draw curious travelers to its bar.

*Contributed By: Annick Hivert-Carthew*



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Finish every day and be done with it. You have done what you could. Some blunders and absurdities no doubt crept in; forget them as soon as you can. Tomorrow is a new day; begin it well and serenely and with too high a spirit to be cumbered with your old nonsense. This day is all that is good and fair. It is too dear, with its hopes and invitations, to waste a moment on the yesterdays.

- Emerson