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**Editor's Desk...!!**

Dear Reader,

A warm welcome to the fourth issue of the Inkarp Newsletter of the year 2013. It covers as usual, scores of activities the company has witnessed over the two month (i.e. July & August) of the current year.

It is really heart warming to put together all these expositions. We feel glad to acknowledge the kind support and encouragement of all those who contributed directly or indirectly to bring the Newsletter out. Last but not the least; the editorial board would like to express its deepest gratitude to the Director for his keen interest and support. As always, suggestions and criticisms towards improving the newsletter content are welcome.

**Enjoy Reading Inkarp Insight!**

Editor  
Inkarp Instruments



**News Roundup**

**Nanalysis Introduces Benchtop Spectrometer NMReady 60**

NMReady™ is a revolutionary Benchtop NMR spectrometer. It offers spectroscopic resolution at a fraction of the size, cost and maintenance of current NMR instrumentation. Students can experience hands-on learning with the NMReady. Lab administrators are now able to upgrade the student experience with NMReady, facilitating accredited, high resolution NMR training without the expense and ongoing commitment of traditional NMR systems.



**PRODUCT ADVANTAGES**

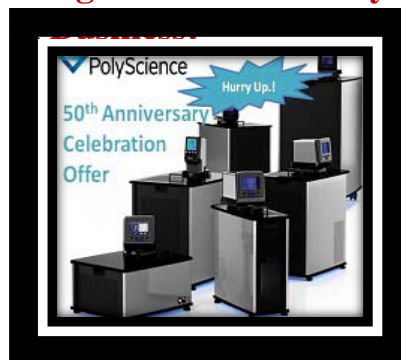
- Quickly Performs routine NMR Measurements
- One Touch NMR enables use by Non-Experts

- Minimal Stray Field; Safe for Use
- Workflow improvement as a point of need application

*For more information contact:*

*Mr. M.Madhusudan / Email: mmadhu@inkarp.co.in / Ph -9818317765*

**Congratulations to PolyScience on celebrating their 50<sup>th</sup> year**



PolyScience was founded in 1963 by Seaton Preston, Jr., and have proudly grown to be a global leader in quality and innovation in liquid temperature control.

PolyScience pioneered innovations ranging from the first zero-switching circulators to the first refrigeration systems for DNA amplification to an award-winning line of culinary products.

Over one million temperature control solutions have been sold under their brand name and Polyscience has become a global company that spans six continents and most major cities

Polyscience is celebrating its 50<sup>th</sup> Anniversary. To commemorate this milestone, Polyscience is offering, through Inkarp, special pricing on their programmable line of integrated circulators. Now you can purchase a sophisticated instrument that will evolve as your research needs evolve, at a special price. Polyscience is offering a 50% discount on select PolyScience integrated circulators now through November 29, 2013!

**For More Information Contact:**

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## International Conference on “Emerging trends in Oleochemicals and Lipid Expo-2013”



Oil Technologists' Association of India (OTAI) and American Oil Chemists' Society (AOCS) jointly organized an International Conference on “Emerging Trends in Oleochemicals” and “Lipids Expo-2013” during August 8-10, 2013 at CSIR-Indian Institute of Chemical Technology, Hyderabad, India. CSIR-Indian Institute of Chemical Technology (CSIR-IICT), European Federation for the Science and Technology of Lipids (Euro Fed Lipid), Japan Oil Chemists' Society (JOCS), The International Society for Fat Research (ISF) and The Solvent Extractors' Association of India (SEA) are extended their support to this event. The Conference was organized by OTAI (SZ) on behalf of Publication Committee of OTAI.

The event also gave an opportunity for the attendees to get to see some of new products. Inkarp would like to thank the Organizer for allowing us to be a part of the event.



## Customer Education program

Inkarp organized a two days training cum workshop as part of their Customer education program at one of their customer facility in Hyderabad.

The training was conducted by **Mr. Praveen Reddy**. The objective of this program was to let users understand Heidolph Instruments and its Technical application. For better understanding the workshop included a product presentation and hands-on training Heidolph Instruments

Participant were presented with Training Certificate on Successful completion of Training Program



## **Motic Advanced Research Trinocular Polarizing Microscope Model BA310 Pol with Inkarph Pharma Pro Particle Size Analyzer Software.**



Inkarph is pleased to announce the launch of Motic Advance Research Trinocular Polarizing Microscope Model BA310 Pol with reflected light source 12V-50W Epi Illumination and Inkarph Pharma Pro Particle Size Analyzer Software. A complete package with new technology and strain free objectives for Pharma Industries.

The New Motic Product has been successfully installed at various Laboratories/Pharma like Mylan, HOSPIRA, IIT DELHI department of Mining and Engineering, (PDPU) Pandit Deen Dayal Petroleum University etc.

This system is found highly efficient and effective for Pharma research and particle size analyzer.

**For more information contact:** Mr. Rakesh Pandey (Product Manager) Email: [rakeshpandey@inkarp.co.in](mailto:rakeshpandey@inkarp.co.in) / [info@inkarp.co.in](mailto:info@inkarp.co.in) Phone +91 9560133440

## **Ph Controlled Addition (Lara Controlled Laboratory Reactor)**

*In collaboration with a leading industrial agrochemical research laboratory, Radleys undertook a trial to demonstrate the ability of the Lara system to perform a difficult acid chloride coupling utilizing pH controlled addition.*

The chemistry comprised of the coupling of an acid chloride to the sodium salt of an oxy anion in water/organic solvent. Acid chloride is fed into the batch over three hours with a simultaneous NaOH addition to control the pH in the region of 6.5. The initial pH is 9 and therefore NaOH is not required until the pH has dropped to around the 6.5 level. This is then followed by a post addition stir out to allow precipitation and is followed by a cool to 10°C to maximize yield of the final ester product. The reaction is biphasic and the product crystallizes from the batch over the course of the addition leading to the formation of a thick slurry.

The experiment demonstrated that Lara was well suited for chemistry of this complex nature, which is difficult in terms of both pH control and viscosity. With minimal training the users were quickly able to set the system up each morning, get the unit running and produce viable data and product at the end of each run. This demonstrated the considerable savings in time that can be provided by Lara as well as the reproducibility of the chemistry and subsequent high yields. Analysis of the data show good pH control during the addition steps, and isothermal contents control for the reaction followed by a steady cooling to 10°C.



### **Lara Users Includes**

Agfa, AstraZeneca, Ciba, Farapack Polymers, Genzyme, GE Healthcare, GSK Research, GSK Manufacturing, Institute of Chemical & Engineering Studies, Johnson & Johnson, Eli Lilly, Pfizer, Novartis, SABIC, Sanofi Aventis, Schwartz Pharma, SSCI, UCB, University of Alicante, University of Amsterdam, University of Manchester (OMIC), University of Naples, University of Sheffield and University of Valencia. .

# WHAT'S UP? AT INKARP

## The Lighter Facet

SUCCESS



ANALYSIS  
SOLUTION  
PROCESS  
OBJECTIVES  
TEAMWORK  
VISION  
SALES

## UPCOMING EVENTS

Mark Your Calendars



India Lab Expo

Hall no. 2  
Stall no. F-251D  
21st-23rd Nov 2013  
Hitex Exhibition Centre  
Hyderabad

Analytika Anacon

Hall no. V  
Stall no. A12  
12th-14th Nov 2013  
Bombay Exhibition Centre  
Mumbai

PMEC Exhibition

Hall no. 5  
Stall no. M22 Shell  
3rd-5th Dec 2013  
Bombay Exhibition Centre  
Mumbai

65th  
Indian  
Pharmaceutical  
Congress

Hall B  
Stall no. T16 & T17  
20th-22nd Dec 2013  
Amity University  
Noida

## Inkarp Is 28 years Young...!!



### Congratulation!!!

Inkarp Instruments celebrated its **28th** Foundation Day on **20th August, 2013**.

It was an occasion to applaud and extol perseverance and brilliance of Inkarp family who had worked day in and day out to win kudos for the company's remarkable performances year after year.

The editorial board congratulates Team Inkarp for the success and wishes every Inkarpian the very best. We continue our journey forward with much perseverance & enthusiasm.

This is one more occasion to thank our business partner, esteemed customer and committed staff of Inkarp for their contribution.

For newsletter subscription email: [newsletter@inkarp.co.in](mailto:newsletter@inkarp.co.in)