



MEDIA MATTERS

NEWS FROM E & O LABORATORIES AUTUMN 1998

Is your laboratory **OVERWORKED** and **UNDER STRESS?** – *E & O to the rescue*



Jean Urquhart ink jet printing bottled media

Due to customer demand, bottle media production has increased every month throughout this last year. In response, E & O have invested in plant and equipment to ensure quality is maintained as production levels increase. A new twenty seven cubic foot autoclave was fully commissioned in July to accommodate the sterilisation of the specialised media runs. Further investment has been allocated to an automated rotary bottle handling system with a semi-automatic screwcap fitter. The peristaltic pump dispenser will guarantee accuracy of fill to better than $\pm 0.5\%$. The installation of this new equipment is scheduled for the beginning of October and it will be fully operational by the end of the month. E & O is fully committed to meeting customer demands as clinical diagnostic laboratories move away from in-house production to commercially sourced, competitively priced prepared media.

E & O leads the field

- INK JET PRINTING
- EASY TO READ
- COST EFFECTIVE

Ink jet printing is the answer to routine laboratory bottled media identification. As long as technology leads manufacture both products and processes will become more efficient and competitive in the years to come. Laborious hand labelling and applying of coloured dots to the large range of bottles is a manufacturing nightmare. E & O

has had a very positive response from customers as the full range of bottles are ink jet printed with: batch number, expiry date and product description. For further details please contact our customer service department.

**Standard range/Specialised
Media/Any volume/
Any container
When it comes to quality
and service think E & O**



Selenite F Broth packed and ready for dispatch

E & O GOES ONLINE



E & O's investment in the new American Online equipment has enabled the plate pouring operation to increase both productivity and quality by combining more accurate pouring, rapid cooling and automated ink jet printing into one operation. High quality dehydrated culture media and supplements are prepared and sterilised in volumes to suit production scheduling. They are then passed through into the cleanroom area for pouring. After connection via luer locks, to freshly bagged production blood, the process begins. Consistent colour throughout the 60 litre batches of blood agar plates is very noticeable. E & O's quality control department are carrying out extensive shelf life testing using very fresh blood to investigate the growth parameters of bacterium lysing qualities of red cells over the normal and extended shelf life of product.

HIGH VOLUME OR SPECIALISED MEDIA



Joy McFarlane with 60 litre preparator

E & O's media preparation room is equipped to handle both volume demand and specialised single packet requests. From 500 mls to 60 litres we have invested in custom production. Process control for high volume media is essential, a combination of steam jacket heating and controlled water temperature cooling allows very accurate sterilisation at the optimum time intervals. The latest West 4400 computer control panel's flexibility allows the operator to program or manually operate cycles to suit every eventuality in media production. Small volume requirements can be accommodated for specialised media with runs under 2 litres being hand poured. For further details please contact customer services.

- LB Media
- Chromogenic Media
- Gardnerella with Human Blood
- Actinomyces
- Legionella

ONLINE

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ured blood plates.



Online Production

FRESH BLOOD

For in-house production or commercial sale, E & O's aseptically harvested donor Horse and Sheep blood is collected under BSI ISO9002 standard operational procedures, combining Home Office Licence Health regulations and the most modern vacuum assisted blood bag collection system. A combination of fresh blood and state of the art equipment guarantees our customers consistent quality during high volume production of blood plates.

For both quality and competitive pricing E & O offer a full range of both bottled and bagged blood in volumes to suit your requirements. For further details please contact customer services.

CONVENIENT PACKAGING



E & O have always been customer driven and as part of the ongoing commitment to customer service we offer our poured plates heat sealed with a tear down strip for your convenience. Full quality control certification is issued with each batch on request and all product batch numbers are printed on the despatch notes. Specialised quality control protocols can be arranged for custom production and specialised volumes of media can be accommodated in a wide range of petri dishes. For further details please contact customer services.

CERTIFICATION REQUIREMENTS. Certificate No. FM 36328.

FLEXIBILITY IN LAST MINUTE ORDER CHANGES

Flexibility in customer service is down to good manners, dedicated happy staff and fully integrated computer systems. E & O's investment in the IBM AS400 system eight years ago has allowed the company to grow in structured stages. Being

fully integrated between departments, bespoke software has been written to fulfil the growth areas. This autumn full stock control, production scheduling and a pick and pack software has gone live allowing order changes and efficiencies in

production to benefit our growing customer base. If you require any information regarding products and services call now and ask to speak to Roseanne or Vivienne on 01324 840404.

Lynne, Roseanne and Andy - last minute change



23RD PHLS CONFERENCE UNIVERSITY OF WARWICK

7 - 9 September 1998

LABORATORY HEALTH & SAFETY MEETING SHEFFIELD

2 - 3 October 1998

MEDICA DUSSELDORF (HALL 2 STAND C04)

18 - 22 November 1998

WAM SYMPOSIUM SOUTHAMPTON

16 - 18 April 1999

IBMS CONGRESS BIRMINGHAM

21 - 23 September 1999