

## METAFIX systems

Micro e Control systems are ideally installed directly to the processors waste overflow, this eliminates the user from handling and pouring waste chemicals, preventing spills and COSH hazards.

The units can also be configured as a standalone system. Waste chemistry can be brought to the unit and two built in wands will automatically pump the chemistry from the containers and through the system for treatment. An optional waste transfer caddy is also available. (shown right)



	Micro e-Control STANDARD CAPACITY	Micro e-Control HIGH CAPACITY
	Model A	Model B
<b>Model</b>	MECA500	MECB1000
<b>Tanks</b>	2	2
<b>Pump Head</b>	1	2
<b>Treatment Rate</b>	500ml per minute	1000ml per minute
<b>Dimensions of system</b>	28.5"H x 16" D x 15.5" W 73 cm x 40.5 cm x 39cm	28.5"H x 16" D x 24.5" W 73 cm x 40.5 cm x 62cm
<b>Weight</b>	39 lbs. / 18kg	44 lbs. / 20kg
<b>Built in Enviro-jet</b>	YES	YES



# Metafix

Photo-Processing  
Lab Products

## The UK's Leading Silver Recovery Systems



### Metafix (UK) Limited

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# METAFIX systems

## Micro e-Control

Using a Metafix system to treat photowaste on site eliminates the environmental impact of trucks carrying approximately 85% water from one end of the country to the other for treatment and the high costs associated with this. Valuable space is regained as the storage of hazardous chemicals for haul away is eliminated.

Treated on site your waste will comply with the water authorities discharge legislation and your business will reap the benefits of recovering silver directly. Many customers amortise the cost of a Metafix system in less than a year, and from then on receive a healthy revenue stream from the silver.

The Metafix **Micro e-Control** unit is the most advanced, compact, easy to operate and attractive effluent management /silver recovery system on the market. Fully automated with a high de-silvering rate of 500 or 1000ml per minute depending on model it maintains a silver level of less than 2ppm, all in a footprint of just over 1/2m<sup>2</sup>

With a programmable monitoring system the flow of silver rich (fixers) and non silver rich (developers) are tracked. The silver rich solution is metered through our **MiX** cartridge that contains our patented recovery medium **Metawool™** using a high grade peristaltic laboratory pump.

**Metawool™** is an enhanced iron based medium which is totally inert, and unlike some cartridges does not contain poisonous compounds.

To keep drains block free the **Micro e units** have an integrated **Enviro Jet** that commingles de-silvered and non silver bearing effluent and jets it down the drain under pressure. The solution clears the drain before sludge has the chance to form. Pipes remain clear and there is no need to use dangerous drain cleaning chemicals that pose a hazard to employees, the environment and may cause pH levels to exceed water authority limits.

**Metafix Micro e units** that are installed on-line, (plumbed directly to the processors waste overflow) exempt the user from registering as a producer of hazardous waste with the environment agency. Providing other hazardous waste produced on the site does not exceed 200 kg per annum.

### benefits

- **ONE** attractive unit that contains the complete package (cartridge, **Enviro-Jet**).
- **SINGLE** quick fit cartridge for simplicity, to minimise cost handling and maintenance.
- **SPEED** with an unrivalled throughput of 500 or 1000ml/min (depending on the model).
- **OPTIMUM PERFORMANCE** Metafix cartridges use a patented material **Metawool™** which eliminates channelling and gives significantly higher flow rates than other cartridges. Also Included is **MetaTrax** to monitor cartridge life, discharge levels and optimise silver recovered.
- **NEAT** design with a compact foot print of just over 1/2m<sup>2</sup>
- **HAZARDOUS WASTE** Metafix cartridges are exempt from the hazardous waste regulations and certified as waste only saving you ££'s in consignment fees. On-line users need not register as a producer of hazardous waste unless they produce other hazardous waste over 200kg per annum.
- **USED BY** leading supermarkets and national photo lab chains.
- **SAFE** 24volt operation and **CE** approved.

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MICRO E-CONTROL



METAFIX new laboratory



METABOOST



MAXI-5



RINSE SAVER



PRO-CLEAR

# METAFIX services

## MetaTrax

Metafix offer a complete service package to back up its state of the art systems including **MetaTrax** - a new performance monitoring and reporting system.

Our national team of engineers take effluent samples during regular service visits and download the throughput to our central database. Our lab then analyses these samples for pH and silver in and out of the columns. This proves legal discharge limits are being obtained and maximises the life and silver recovered from the cartridge. We then issue a certificate to show compliance.



Compliance assurance statement

# METAFIX supplies

- **METABOOST** a water pressure booster and class A/B air break, a compact low cost mains 240V water pressure booster system.
- **MAXI-5** A low cost chemical transfer system, designed to transfer processor waste to a remote Micro e. Available in twin or single tank.
- **RINSE SAVER** Reverse osmosis and de-ionisation system works in line to automatically treat your incoming processor water. Guaranteeing chemical and processing quality and consistency.  
Micro processor controlled with built in TDS meter to show water quality. Easy to use saving ££'s on print and film stabilisers.
- **PRO-CLEAR** An automatic microprocessor controlled wash water bio-slime eliminator to guarantee a sludge free processor wash tank.

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