

SOLVENT RECYCLING

Turning Solvent Waste into
Operational Savings

Current Model - Linear



Purchase > **Use** > **Dispose** > **Purchase**

Repeated solvent purchasing • Ongoing disposal
• Repeated waste collections

With Solvent Recovery

Purchase

New solvent
enters only as
needed

↑
Reduced
virgin solvent
purchasing



Use

↓ **Reduced waste
for disposal**

Waste

Non-
recoverable
residue for
disposal



Reuse



Recover

Reduced solvent purchasing • Lower waste volumes •
Fewer waste collections

WHAT CHANGES WITH SOLVENT RECOVERY

LESS VIRGIN SOLVENT



Reduce dependence on repeated
solvent purchasing.

LESS HAZARDOUS WASTE



Reduce solvent volumes requiring
off-site disposal.

FEWER WASTE COLLECTIONS



Reduce associated handling, transport
and collection frequency.

MORE VALUE RETAINED



Recover usable solvent and return it to
the laboratory workflow.





ILLUSTRATIVE ROI SCENARIOS

HISTOLOGY / PATHOLOGY

Xylene | Alcohol | Formalin

TYPICAL THROUGHPUT:
HIGH & CONSISTENT



12-24 Months

*Illustrative payback

Strong recovery potential where waste streams are routinely generated and appropriately segregated.

UNIVERSITY / CHEMISTRY

Alcohols | Selected organic solvents

TYPICAL THROUGHPUT:
VARIABLE



18-36 Months

*Illustrative payback

Utilisation and solvent segregation can significantly influence return

INDUSTRIAL / QC

Alcohols | Process solvents

TYPICAL THROUGHPUT:
PREDICTABLE



12-30 Months

*Illustrative payback

Recurring solvent streams can support consistent recovery.

*Payback periods shown are illustrative examples and do not represent guaranteed returns.

WHAT DRIVES THE ROI?

SOLVENT VOLUME

How much is routinely used?

RECOVERY POTENTIAL

How much usable solvent can be recovered?

PURCHASE COST

What does replacement solvent cost?

DISPOSAL COST

What does it cost to dispose of the waste stream?

COULD SOLVENT RECOVERY WORK FOR YOUR LABORATORY?

Let us assess your application.

Solvent type | Volume | Contamination | Current disposal costs