

What our Customers are Saying...



Dr. Chris Coxon
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*From an equipment perspective, I can say that the hardware and software are **highly robust and reliable**, which takes away some of the stress of running an academic lab!*

What problem did you need to solve?

Our lab is interested in developing new chemical tools to understand, and ultimately treat, neurological and neurodegenerative diseases. Our favourite way to do this is by designing and synthesising peptides that mimic parts of a protein or an endogenous peptide hormone. We also typically add other non-native chemical modifications to these peptides e.g. fluorinated groups to help with our studies. In a typical project, we will make hundreds of small peptides and sometimes we will need relatively large quantities (>100s of milligrams). However, the purification step can be a really time-consuming and tedious process.

How was the problem addressed?

To solve our problem, we purchased a Teledyne ISCO **EZ Prep**, which combines both the capability for standard reversed phase flash chromatography—great for larger quantities or to obtain a good clean-up of our crude peptide material, and an integrated preparative HPLC, which we use for finer purification of smaller quantities of peptide. Having both systems in one has saved money, lab space and increased productivity. Another benefit has been the very easy to use software, which is very easy for a new lab member to learn.

How did you find working with Teledyne ISCO?

I have personally found that working with Teledyne ISCO has been fun and the staff have always been friendly and helpful, and worked very hard to find exactly what we need. Their attention to detail and knowledge in the area of purification is very reassuring. I especially enjoyed working with Teledyne ISCO to organize a peptide synthesis and purification in Edinburgh, which was a great success and allowed delegates (including me) to get a better understanding of what techniques and technologies are available for their specific needs. From an equipment perspective, I can say that the hardware and software are highly robust and reliable, which takes away some of the stress of running an academic lab!



Dual function purification system that performs both Flash and Preparative (Prep) purifications

How have you benefited from the process?

Through our interactions with the Teledyne ISCO team, we have benefitted in several ways—firstly, we have a fantastic piece of equipment that has undoubtedly changed the way we are able to work by increasing productivity, but also from the brilliant hands-on training and aftercare. The purification webinars have been an invaluable source of know-how and I have certainly learned a lot. The opportunity to work together to organize a scientific meeting was also great for my career development.

What would you say if you were recommending us to another company?

My experience has been wonderful, they are a great team and I would highly recommend working with Teledyne ISCO. I will certainly continue to do so in future.

How can we
Help You ?

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