AMOS NEWS
Amos Pumps (UK) Ltd Water and Sewage Pumping and Treatment Engineers

Keeping it brief

It's a pretty straightforward pump - but its job is extraordinary. Imperial College's Physics Department now boasts an Amos-supplied pump in its Femtosecond Optics Group. Its job is to circulate coolant to an argon-ion laser (that's the larger white box, inset). The laser "optically pumps" the other laser box, which produces femtosecond laser pulses.

Most pumps do workaday chores like drawing water from wells or shifting sewage. Not so a recent Amos sale to Imperial College, London University.

In the Femtosecond Optics Group of the Physics Department, they work with powerful argon-ion lasers. As well as producing powerful flashes of laser light for their research, these machines produce a lot of heat - and need a lot of cooling.

Finding Amos Pumps' website was a godsend for Dr Jan Siegel, who was having trouble stopping his lab equipment overheating.

After briefing our sales engineer on his precise requirements, he now has a reliable Amos-supplied pump driving a cooling system - and research is continuing uninterrupted.

Oh, and a femtosecond? That's a thousand million millionth of a second. Which gives a whole new meaning to the word "brief".