



## Quantex launches unique pump for packaged liquids

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**Press release issued 2 Dec 2008:**

PDD Group's subsidiary Quantex has launched an environmentally-friendly, low-cost, airtight pump for dispensing packaged liquids such as foods and beverages, detergents and medicines.

Built into packaging, the pump is extremely accurate and reliable, even with very thick fluids. It works particularly well for airless and oxygen free dispensing.

The Quantex pump also meets growing demand for more environmentally friendly distribution of liquids, by reducing the water and refrigeration needed.

For example, the pump works well with highly concentrated liquids, which can then be mixed with water at the point of use. So, for example, the pump could allow consumers to dispense concentrated liquid detergents accurately – without the need for any cleaning or flushing since it is built right into the package.

The Quantex pump also prevents air from entering a package, so it can be used to give foods or beverages a longer open life reducing the need for refrigeration.

For medical uses, the pump offers a convenient way to dispense accurate doses of liquid medicines manually or automatically. It can also help in diagnostic testing, where accurate and safe dispensing of reagents is important.

The pump works at a wide range of delivery rates and pressures. When stopped, it blocks any fluid flow, preventing spills and drips. Made from low cost recyclable polyethylene it works with a wide variety of liquids including bleaches, disinfectants and those with a high alcohol content.

The pump is patented by Quantex, which offers manufacture under license. The pump can be tailored by Quantex to meet specific requirements such as continuous flow, air free pumping, user proximity sensing and pack recognition capability.



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### **About PDD Group**

Founded in 1980, and based in Hammersmith, West London, PDD provides integrated design and innovation skills and works with organisations worldwide to develop novel products, services and business processes that drive revenues and create competitive advantage.

PDD targets markets that are undergoing rapid change, for example, those affected by the shift from mature to emerging markets, rapid technological change, climate & environmental issues and demographic changes.

PDD is an award winning agency, collecting eight awards in the last 18 months, and is certified to BSI 13485 medical quality assurance certification and quality assured to ISO 9001.

Clients in 24 countries include Orange, LG, Aqualisa, Nestle, Belron, Ford, Gillette, Samsung, Vocollect and Merck Serono.

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