



## International E-Liquid manufacturer commissions bespoke PHP vessel

An international E-Liquid manufacturer has commissioned a bespoke mixing vessel from Adelphi Group company Pharma Hygiene Products.

The 100L mixing vessel (pictured below), completed in 2020, includes three 8L satellite vessels on top, from which the component parts of the customer's product are drip-fed into the main container. It also features a water-jacketed base for heating or cooling the product as required, with a hygienic tri-clamp outlet valve for decanting the product mixing is complete.

For ingestible products such as E-Liquids, PHP understand that a hygienic manufacturing process is paramount; the underside of this vessel was designed to be dished in shape, so that any product drips will drain to the side rather than pooling, which would have been unhygienic. The surface roughness finish of this container is 0.4 micrometers RA, as it is with all of our containers, and PHP are happy to provide certification to verify this high quality finish if required by our customers.

The mobile frame surrounding the vessel ensures that our customer's production arrangement can be easily adapted, while the viewing portal that was included for the operator allows simple, instant visual checking of our customer's mixing whilst it is in-progress.

Unfortunately, the name of this E-Liquid manufacturing giant is protected by an NDA, but all at PHP were thrilled to work on such an exciting and unique project. If you would like to discuss your bespoke vessel requirements with our expert team, please don't hesitate to call +44 (0)1444 472300 or email [info@pharmahygieneproducts.com](mailto:info@pharmahygieneproducts.com) today.

