

The Oil & Gas Industry is truly a global endeavor with operations on every populated continent. As a global industry needs global support, AMETEK strives to continuously grow and develop its sales and support network. In addition to a global network of factory trained personnel, AMETEK maintains factory-direct customer support capabilities at its manufacturing sites and a growing number of regional offices.



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Our global support network of AMETEK offices and factory-trained distributors and representatives continues to grow. Contact us at chandler.sales@ametek.com today.

Continuous product development may make it necessary to change product details without notice.

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PILOT PLANT

PERFORMANCE • QUALITY • SAFETY



PILOT PLANTS

Chandler Engineering offer custom designs and solutions to fully scalable pilot plants. We provide solutions across various industries for Chemical, Pharmaceutical, Oil and Gas, Renewable Energy, Food and Beverage.

Bench, research and pilot scale processes for:



- CO₂ Recovery and Sequestration
- Refinery Applications
- Biofuels
- Production Simulation
- Small Batch Chemical Manufacturers
- Chemical Processes
- Custom Engineered Projects

Chandler Engineering's methane dehydration unit is used for testing the effectiveness of mole sieve materials on the dehydration of methane. The modular design consists of 5 sections: gas inlet, compression, saturation, dehydration and the analysis section.

Specifications:	
Saturation Range	0-2500ppmV @ 1bar, 60°C
Operating Pressure	90 barg
Operating Temperature	60°C
Regeneration Temperature	300°C
Gas Flow Rate	0.5-2.0 m ³ /hr
Input Voltage	230VAC 3-phase, 50/60 Hz, 80A 120VAC 1-phase, 50/60Hz, 20A
Dimensions	508cm W x 190cm D x 205cm H
Net Weight	3000 kg

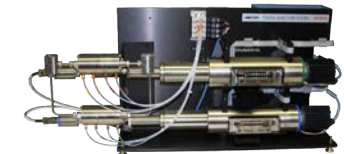
Quizix® Precision Metering Pumps

Quizix Metering Pumps are the industry standard for precision delivery of fluids and gases for bench scale and pilot plant applications. Capable of handling fluids, slurries, pastes and gases, these positive displacement pumps provide pulse-free continuous flow at extremely accurate flow rates, pressures or constant volume operating modes.

Q5000 Series: Ultimate precision for metering of reactant fluids, slurries and pastes

Features:

- Flow Rates From Sub-Nanoliter to 60 ml/minute
- Pressures to 20,000 psi (1379 bar)
- Temperature capability to 285°C
- Multiple options for wetted materials
- Deliver liquids, slurries and pastes



Q6000 Series: for high flow, large volumes and gas flows

Features:

- Flow Rates From Sub-Microliter to 400 ml/min
- Pressures to 30,000 psi (2068 bar)
- Temperature capability to 285°C
- Multiple options for wetted materials
- Deliver liquids, slurries and pastes
- Batch flow or continuous flow systems



QX Series: Compact dual cylinders for bench and small scale research applications

Features:

- Flow Rates From Sub-Microliter to 500 ml/min
- Benchtop or small scale reactor feed
- Ambient temperatures to 50°C
- Precise addition of liquids and slurries

