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摘要：通过原水反渗透后再接电去离子(EDI)装置的产水过程，考察操作电压、进水流量、水质等因素对EDI产水水质的影响。结果表明，降低进水的电导率、适当的膜堆操作电压及加大进水流量都可提高产水水质。

关键词：电去离子, 反渗透, 电渗析, 离子交换, 高纯水

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[The factors analysis of impacts the EDI product quality water](#)

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Abstract: The process of product water by reverse osmosis-electrodeionization (OR-DEI) system, we discover that a number of factors influence the quality water, such as the voltage of operation, feed flow, water quality and so on. From witch we can see that lowering feed conductivity, properly voltage of operation, increasing the feed flow can enhance the quality of water.

Key words: Electrodeionization, Reverse osmosis, Electrodi alysis, Ion-exchange, High purity water

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