



## Deionising Mixed Bed Resin Cartridges

Model Numbers: DIC10

### Applications

The DIC10 is suitable for producing deionised water for analytical or laboratory use.

### Benefits of Microlene's Deionising Mixed Bed Resin Cartridges

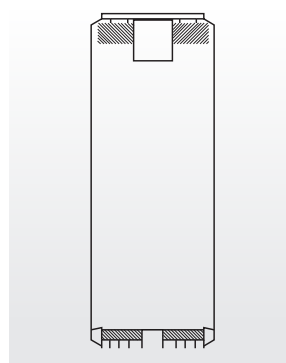
The DIC10 is a non-regenerable industrial and general purpose mixed bed deionisation cartridge designed to give very low TDS water for analytical and general laboratory use. The high quality ion exchange resins used will deliver deionised water with a minimal TOC background suitable for all applications requiring chemically pure water for general laboratory use or to fill autoclaves.

The DIC10 is constructed from FDA grade material and media. It can be used in a recirculating mode or as a polisher for Reverse Osmosis product water. The capacity on 50 mg/l TDS water is approximately 560 litres.

Divide 28,000 by the TDS of the feed in mg/l to get the approximate throughput in litres. Downflow operation is preferred. Intermittent upflow may cause bed separation and is not recommended for critical applications.

Flow rates in excess of 1 lpm will give higher conductivity levels but these will still be acceptable for most purposes unless conductivity  $<1\text{mS}^{-1}$  is required. When fed with normal tapwater a conductivity of  $2\text{mS}^{-1}$  can be expected.

For cold water use. De-ionised water is not recommended for drinking.



Specifications	
Sizes	10" Standard
Colour	Black
Post filter	5 micron nominal
Media	Semiconductor (low TOC) grade mixed bed resin
Optimal flow rate	1 lpm
Capacity	28,000 L
Max. temperature	50°C

TECHNICAL DATASHEET



[microlene.com.au](http://microlene.com.au) | [microlene.co.nz](http://microlene.co.nz)

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