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# 16 wells cartridge

Spec sheet

1.0

## Hyris Ltd

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### Hyris Headquarters

Lower Ground Floor, One George Yard,  
EC3V 9DF, London UK  
Phone: +44.2036082968  
Mail: office@hyris.net

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### Hyris Research Center

Corso Garibaldi, 60  
20121 Milano, Italy  
Phone: +39.02.82951302  
Mail: administrator@hyris.net

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### Hyris Asia Pac

38 Ang Mo Kio Industrial Park 2 #02-07A  
569511 Singapore  
Phone: +65.8160.7207  
Mail: office@hyris.net

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[www.hyris.net](http://www.hyris.net)

## General Overview

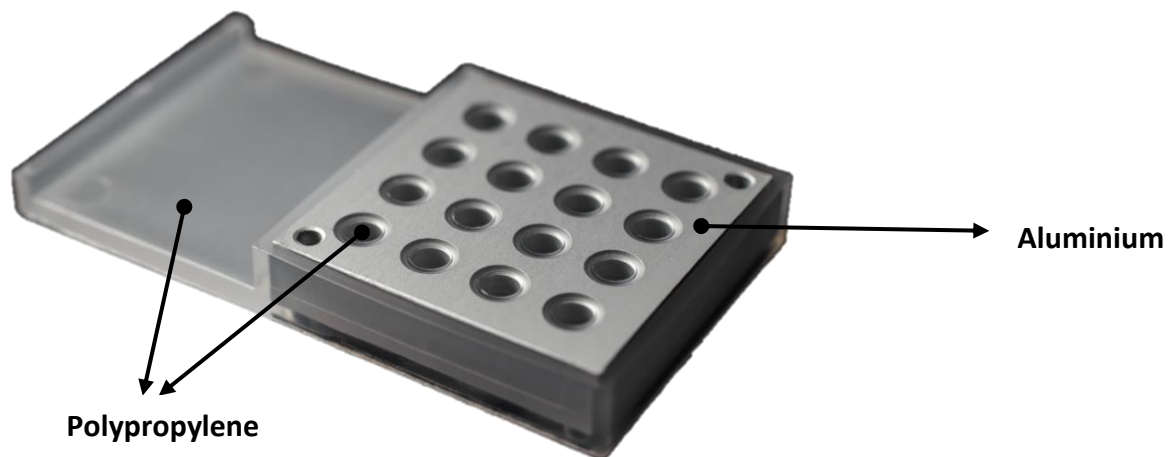
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The 16 wells cartridge design is property of Hyris Ltd. The cartridge is meant to be used in conjunction with the bCUBE 2.0 instrument, produced and sold by Hyris Ltd. It's single use and should be disposed according to local regulations.

## Materials

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The 16 wells cartridge is entirely made of aluminium and ultra-pure polypropylene. The reaction wells are covered with the same plastic to guarantee PCR chemical compatibility.



## Geometries

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Overall dimensions: 59 x 32.5 x 7 mm (L x W x H)

Pitch between wells: 6.5 mm

Reaction well diameter: 3.2 mm

Reaction well height: 5.8 mm

Typical reaction volume: 20  $\mu$ l

Safe reaction volume range: 10 – 30  $\mu$ l

## Sealing

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After the reagents have been loaded, the cartridges must be sealed with a special adhesive aluminium foil, provided with the cartridges.

## Production / Packaging

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The 16 wells cartridges, including all sub-components, are entirely made in Italy.

The cartridges are manufactured in clean-room environment and individually sealed into sterile bags.

The standard packaging contains 25 cartridges and 30 sealing foils.