



# HYRIS 16 wells cartridge

Datasheet

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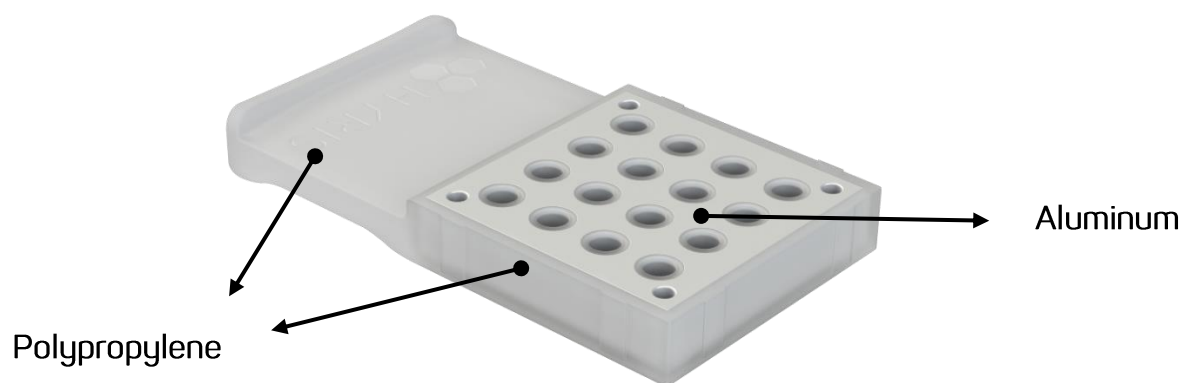
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## General Overview

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

## Materials

The HYRIS 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

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

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

## Production / Packaging

The HYRIS 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.