



HYRIS 36 wells cartridge

Datasheet

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Hyris

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

Other contacts:

Hyris Ltd

Lower Ground Floor, One George
Yard, EC3V 9DF, London UK
Phone: +44.2039361227
Mail: office.uk@hyris.net

Hyris Asia Pac

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

US West Coast Sales Inquiries

Los Gatos
Mail: office.us@hyris.net

**Product info**info@hyris.net**Ordering info**office@hyris.net

REF: HyCT36.01

Manufactured by
Hyris Srl
Corso Garibaldi, 60 20121
Milano (MI) Italy

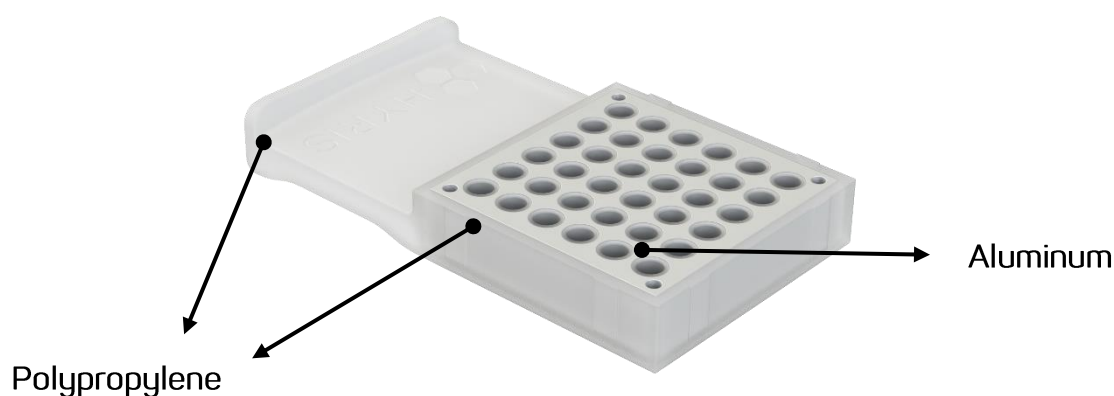
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General Overview

The HYRIS 36 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 36 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: 60x33x7.9 mm

Pitch between wells: 4.5 mm

Reaction well diameter: 2.9 mm

Reaction well height: 6.8 mm

Typical reaction volume: 20 μ l

Safe reaction volume range: 10 – 30 μ 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 36 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.