

HBSB-5040: Black WillCo-dish® Glass Bottom Dishes, 'Multi-unit' packed, 200 units in a case.

Dish size : 50 x 7 mm. Glass bottom is always horizontal -/flat and flush with the warming stage.
 Glass thickness : Class #1.5H -170 micron +/- 5µ; this is specially selected German glass (Standard).
 Class #1.5 -170 micron glass (between 0.16 - 0.19 mm.); on special request, by e-mail.
 Class #1 -140 micron glass (between 0.13 - 0.16 mm.); on special request, by e-mail.
 Class #0 -100 micron glass (between 0.08 - 0.12 mm.); on special request, by e-mail.

Surface Flatness : Glass #1.5H has a Ra of 0.005 mm., 5µ, specially selected glass and our standard glass or less flat, glass with a Ra 0.01 mm.; we offer on special request, only (by e-mail).

Glass aperture diameter, in dish bottom: Ø 40 mm.

WillCo-dish®-es are all STERILE R (Gamma): Sterile, until blister or sleeve, is opened or damaged.

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The diameter of the WillCo-dish® "Series HBSB-5040" dish, is Ø 50 mm., right below the "Safe Grip" ring -/rim around the dish. The "over all" diameter of the dish is Ø 50.2 mm.

When positioned in a dish-holder, the "Safe Grip" ring -/rim around the dish, will support and secure the dish in the holder, when the right diameter (Ø 50.0 mm.) of the opening in the dish holder, is applied.

The WillCo-dish® Glass Bottom dishes "Series 5040", with 40 mm. diameter glass opening, are the most popular among colleagues, preferring the largest dish, e.g. in Fertility & Sterility (IVF – ICSI & IMSI) and where a largest glass surface is needed. The low side walls, 7 mm. only, are perfect for ICSI. Inside the lid of the "Series 5040" dish (and "Series 5030" dish), there are no vents, for a tighter closure of the dish.

NOTE: Microscope light passes orthogonally through the glass, the glass resting horizontally -/flat on the stage. The glass bottom is flat and always flush with the stage.

- 1.: The glass bottom of the WillCo-dish®-es, is always flush with the warming stage, a design which ensures that the warming-stage heats the glass directly and evenly. This direct heating, ensures even distribution of the same temperature in the dish, which is of major importance for your live cells!
- 2.: Another reason why it is very important that the glass bottom is flush with the warming stage is, that it ensures a horizontal -/flat coverslip bottom, which is of major importance for your imaging work; stay in focus!
- 3.: Black dishes, walls and lid, have several advantages over transparent dishes.

The WillCo-dish® "Series 5040" Glass Bottom dishes, we offer in the following packaging and types:

Blister-Pack : GWST-5040 (Transparent) & GWSB-5040 (in black); 120 units per case.
Pouch-Pack : HBST-5040 (Transparent) & HBSB-5040 (in black); 200 units per case.
WillCo-dish®KIT: KIT-5040 (Transparent) & KIT-5040B (in black); 500 'Do-It-Yourself' units.

We are sure you will very much appreciate this Glass Bottom (Cell-culture -) Dish, to work with. You will also save a lot of time and gain in quality of your microscopy -and imaging work. The main reason for scientists, as well as for clinicians, to make a choice for the "Series 5040" dish, diameter 50 mm., is that they prefer a large dish, with the largest well -/opening (h: 1 mm. x Ø40 mm. and volume 1600 µL.), in the bottom of the dish.

Your WillCo Wells B.V. 'Customer Service-Team'