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Data sheet: Replica stamp + 12 autoclavable tissues

Manufacturer	3B Scientific GmbH – Rudorffweg 8 – 21031 Hamburg - Germany
Name of the item	Replica stamp, applicable for petri dishes with a diameter of 90 to 100 mm incl. 12 transfer tissues
Item number	W19923
Material	Plastic support block (PVC), ring made of aluminium (plastic-coated) attention: plastic support block is not autoclavable, resistant up to 80°C. A sterilisation of the replica stamp incl. holding ring can be carried out with ethanol. The tissues are made of cotton / polyester and can be autoclaved.
Measurements	Stamp: 72 mm tall, 81 mm diameter, holding ring: diameter inside 83 mm, diameter outside 90 mm, tissues: 15 x 15 cm
Handling and function	<p>The replica stamp enables the transfer of bacteria or yeast colonies from one nutrient medium plate to another. To duplicate one colony plate, fix a sterile tissue with the holding ring on the stamp. Previously, sterilise both stamp and holding ring with ethanol. Do the same with the tweezers. In the following, use the tweezers to remove the tissues from the aluminium foil and put them on the block with the soft side facing upwards. Then slightly press the colony plate with the top side onto the stamp. Repeat the procedure with another petri dish containing a suitable nutrient medium. Thereby, an imprint (replica) of the original colony order will be generated on the new plate. If you just press the petri dishes slightly while transferring the colonies, you can normally fabricate 2-3 replicas.</p> <p>The tissues have to be sterilised before usage. To achieve that, wrap the tissues one above the other in aluminium foil and sterilise them in an autoclave or pressure cooker for 30 min.</p> <p>To remove the residual moisture due to sterilisation, store the wrapped tissues for 1-2 days in the cabinet dryer (or oven) and dry them at 80°C.</p> <p>After usage, wash the tissues in lukewarm water with a little bit of washing-up liquid. Rise them afterwards and spread them crease-freely on a table to let them dry (with the soft side facing upwards). After drying, wrap the tissues again in aluminium foil and heat-sterilise them as already described. The tissues last several years with a proper handling.</p>
Weight	Replica block with holding ring: 551 g, tissues: 54 g
Weight (packing included)	705 g