



Kit, Medi-RDT

Description: Grow your practice and competitive edge with MEDISCA's comprehensive RDT Kit. We want to set you up for success as quickly as possible with all the necessary tools to elevate your compounding practice and surpass your patients' expectations with our Rapid Dissolve Tablet Kit. MEDISCA's Medi-RDT Sugar-Free Base has been put to the test against competitors and has proven to have superior performance. Made out of an extremely durable, heat-resistant hospital grade polymer, the Medi-RDT Mold is designed for repeated and prolonged baking, up to 120°C (248°F). Committed to providing the highest quality products and supplies, MEDISCA's Teflon-free molds were developed to avoid the risk of any particles potentially getting into the tablets and causing contamination. The lateral containment system helps to avoid powder loss and facilitates the filling process, while the calibrated cavities allow you to compound tablets that comply with the average weight test. These are some of the reasons for which more and more compounding pharmacists are choosing the MEDISCA Medi-RDT Kit.

Rapid Dissolve Tablets (RDT) are designed to dissolve quickly on the tongue without any water making it an ideal alternative dosage form for patients who have difficulty swallowing. In short, they offer quick delivery of medication, rapid dissolution, and greater absorption in the blood.

Features:

- **Medi-RDT Base** is a sugar-free, finely granulated powder that is compatible with a wide range of active ingredients
- **Medi-RDT Formula** provides significantly faster wetting and disintegration times compared to similar products on the market:

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- Wetting time: 5 sec. (versus 24 sec.)
- Disintegrating time: 93 sec. (versus 287 sec.)
- **Medi-RDT Mold** is made of Teflon-free, heat-resistant hospital grade polymer
 - 96 cavities, each holding 750 mg
 - Designed for prolonged baking, up to 120°C (248°F)
 - Lightweight for easy handling and cleaning
 - Dishwasher safe
 - Autoclave safe
- **Medi-RDT Blister Packs** are customized UV-resistant amber-colored sheets for optimal protection of light-sensitive drugs. Cold seal tamper evident foil laser labels for medication identification and sleeves are also included to be able to dispense to your patients.
- **Hot Hand® Protector mitt** provides superior protection when handling hot or cold objects. The gripping surface is studded with suction cups for a secure no-slip grasp to safely remove the ProFiller RDT Mold from the convection oven.
- **Customized Formula:** MEDISCA NETWORK recognizes your need to get it right the first time which is why in order to ensure proper compounding method techniques for the Rapid Dissolve Tablet, MEDISCA NETWORK will provide you with a customized sample formula of your choice to help get you started with confidence.
- **50 Mesh Sieve & Receiver Pan** serve to control particle size distribution as well as the flow property of the blend. This is to ensure content uniformity of the solid dosage form.
- **Powder Scraper** also included for easy filling of the ProFiller RDT Mold.
- **Mini Mallet** will aid in removing the RDT tablets from MEDISCA's 96 Cavity Mold or MEDISCA's Multi-Dose Mold.

Technical Specifications:

Medi-RDT Mold

Number of Cavities	96
Cavity Volume (mg)	750
Cavity Dimensions, \varnothing_{ext} x \varnothing_{int} x H (in / mm)	0.55 x 0.51 x 0.28 / 14 x 13 x 7
External Dimensions, L x W x H (in / mm)	12.8 x 8.4 x 0.7 / 214 x 326 x 18
Temperature Range (°C / °F)	120 / 248
Material of Construction	Polyphenylsulfone (PPSU)

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Medi-RDT Blister Pack

Number of Doses	160
Number of Doses to fit in Sleeve	10
Cavity Volume (mg)	750
Cavity Dimensions, \varnothing_{ext} x \varnothing_{int} x H_{int} (in / mm)	0.59 x 0.54 x 0.31 / 15 x 13.8 x 8
External Dimensions. L x W (in/mm)	2.9 x 3.9/ 75 x 100
Length of Perforation (mm)	2 x 2
Construction	Amber PVC

Hot Hand Protector

Temperature Range (°C/°F)	-57 to 260/-70 to 500
Material of Construction	Silicone rubber w/ small concave numbs for good grip
Dimensions (in/cm)	3.875 x 7.5/10 x 19
Size	One size fits all, left or right

Sieve & Receiver Pan

Sieve Diameter (in/cm)	8/20.3
Sieve Material	Frame, Cloth, Pan: Brass
Sieve Height, H x D	2.625 x 2/6.7 x 5.1
U. S. Standard	No. 50
Metric Size (μ , micron)	300

Powder Scraper

Dimensions, W x D x H (in/mm)	2.9 x 0.1 x 3.9/74.0 x 2.5 x 97.8
Material	Low Density Polyethylene Resin

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Mini Mallet

Head diameter	3/4"
Head length	2-3/4"
Head weight	5-1/2 oz.
Overall length	10-1/2"

ADDITIONAL INFORMATION:

Included Parts:

- 2772: Medi-RDT base
- 7314: Mold, Medi-RDT, PPSU, 96 Cavities, 750mg
- 7219: Blister Packs, Medi-RDT w/Labels & Sleeve, 160 doses
- 7315: Mitt, Hot Hand Protector, Silicone Gripper, Red
- 7310: Sieve, 50 Mesh, Brass, 8" diameter
- 7106: Mini Mallet, Non-marring Plastic Head (3/4" diameter)

Required Accessories:

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MOLD CLEANING AND MAINTENANCE

1. Soak the molds in warm water-soap solution for a few minutes to facilitate cleaning.
2. Wash the molds using warm water, liquid soap and a soft brush or sponge.
3. Rinse and drain off cavity mold and top compression plate.
4. Use 40% alcohol for final wipe down.
5. Let dry.

ATTENTION: Avoid use of metal utensils (spoon, spatulas, scrapper, brush, etc.) and cleaning aids with abrasive surface at any time due to potential risk of damaging coating of the molds.

Dishwasher can be used with all the above precautions.

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