

NP-RD10A TABLET PRESS

THE ULTIMATE SINGLE-STATION LABORATORY TABLET PRESS

EASY &
AFFORDABLE

KEY BENEFITS



Permits independent control of both tablet density and weight to meet precise production requirements



Eliminates the need to handle multiple tool parts to compress a single tablet



Tablet ejector lever eliminates the need for disassembly



Quick tooling changeover done under two minutes



Reduces formulation waste

KEY FEATURES

- Utilizes Standard TSM and EU "B"; "D"; "B2 Short Lowers"; "Core Rod"; "EK0" or "F" Tooling
- Digital Process Meter for Compression and Ejection Force Display
- Programmable Parameters for Compression Force Control and Automatic Cycle Return
- Micro-Adjustable Depth of Fill
- Extra Deep Fill Capacity Option
- Quick Tablet Ejection Lever
- 10 U.S./10 Metric Ton Capacity
- RS 485 Serial Communications Output
- Multi-Layering Capabilities and More
- CE Certified
- ½" Thick Lexan® Guards

The **NP-RD10A** is a benchtop laboratory tablet press that significantly reduces product loss. This single-station tablet press is part of the RD Series—the ultimate solution for R&D tablet compression.



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YOU DEMAND. WE DELIVER.

STANDARD FEATURES

- TSM "B" or "D" Type tooling compatible. Tools can be keyed or not keyed.
- EU "B" or "D" Type tooling compatible. Tools can be keyed or not keyed.
- CE Certified
- Easy lever-controlled tablet ejection; requires no disassembly
- Quick tooling changeover done under two minutes
- Multilayer tablet capability
- Digital micro fill gauge for accurate dosing of the dies
- Compression zone protected by heavy Lexan® Guards
- Electro-less nickel coated frame to prevent corrosion
- Main compression force displayed by a digital process meter
- Ejection force displayed by a digital process meter
- Programmable Compression Control Setting
- Internal digital controller for automatic release of compression pressure and upper punch retraction for tablet ejection

OPTIONAL FEATURES

- Deep fill "B" tooling option increases "B" tooling maximum depth of fill to 1.313" (33.34mm) using special RD10 deep fill "B" type tools. Tool holder made from A2 tool steel.
- Deep fill "D" tooling option increases "D" tooling maximum depth of fill to 1.313" (33.34mm) using special RD10 deep fill "D" type tools. Tool holder made from A2 tool steel.
- "F" Press tooling option
- Core Rod "B" tooling option allows use of special RD10 "B" core rod tools.
- Core rod "D" tooling option allows use of special RD10 "D" core rod tools.
- Die-less tool set option allows for the normal die holder to have the tablet shape machined into the holder rather than mounting a separate die with the tablet shape.
- "EK0" tooling option
- "B2" short lowers option
- RS 485 serial communications output
- Digital process meter for data acquisition via RS-485 port

SIMPLE TABLET COMPRESSION WITH NP-RD10A



1. Program parameters for compression force control and automatic cycle return.
2. Pull lever.
3. Easily retrieve tablet without disassembly.

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