



T A B L E T P R E S S E S



VICE HANDHELD TABLET PRESS USER MANUAL

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LFA Machines Oxford LTD

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Introduction

The VICE Handheld is a revolutionary new concept in tablet presses that makes it easy to produce professional, pharmaceutical grade tablets without expensive equipment. With the VICE Handheld press you can produce your own tablets in under two minutes.

Engineered from stainless steel and anodized aluminium the VICE Handheld press is safe and easy to use, and fully compliant with GMP guidelines. It is also extremely versatile, and can produce either round or irregular shaped tablets and pellets from 2 – 22mm across.

The VICE is very simple to operate and maintain. To get the most out of your VICE press, please read this manual carefully and familiarise yourself with the parts before starting.

How To Press A Tablet Using The VICE Press

The instructions below show how easy it is to make perfect tablets with your VICE. You can also see a helpful demonstration video at: www.handheldtabletpress.com

1. To start using your VICE take the longer of the two handles and thread it into the larger of the two egg shaped halves of the body.
2. Now insert the lower pin into the lower pin assembly. You can recognise the lower pin easily – it has a long neck, and a cut out section on its base.
3. Apply a small amount of lubricant to the centre ring. (This will make it easier to remove when you are finished pressings tablets.)
4. Insert the centre ring into the press.
5. It's now time to add your tablet mix. For more information on tablet mixes please see below, or watch our video online. After filling the hole, gently wipe away any excess powder.
6. Once you have added the mix, insert the top pin into the centre ring, gently packing the powder down.
7. Now attach the second half of the egg shaped body into the press. It can attach in any of three positions. Once it's sitting neatly, lock it in to place.
8. Finally, apply pressure to make your tablet by twisting the second handle so it winds onto the thread. Once you feel it start to tighten, grip both handles and apply as much pressure as you can to tighten them.
9. You've now made your tablet!
10. To eject the tablet, unscrew the shorter of the two handles, (the one you put in last) and remove the pin. Finally, twist the other handle until the tablet ejects.

When you have finished making tablets, you need to clean the VICE Handheld press thoroughly with the comprehensive cleaning kit provided. This will stop powder building up. Otherwise it can make the VICE more difficult to use, and reduce the quality of the tablets. If not kept clean, it might also damage the thread.

How To Clean

1. Dismantle the VICE press and lay all the parts safely on a table.
2. Use the larger of the two brushes in the cleaning kit to clean the VICE's threading.
3. Also use the large brush to clean out the large diameter dies.
4. Use the smaller brush to clean the upper and lower pin assemblies.
5. The smaller brush is also good for removing grit or powder build up from the handle threading, and from the smaller diameter dies.
6. Once all the powder has been removed from the VICE, move on to the second stage of cleaning. Using a damp sponge, work a small amount of the food grade cleaning solution from the kit into the surface, making sure it is fully covered. Then wipe away the solution with another damp sponge.
7. The VICE press should not be left damp. Use the cleaning cloth provided to dry the press.
8. Finally, lubricate the press by applying a small amount of the food grade lubricant to the threads and tooling inserts. This will provide important protection.

Changing the Dies

Your VICE comes with three dies as standard, but there are many, many more available. The dies used in the VICE Handheld press are identical to those used in a TDP 5 tablet press. This great advantage gives you access to a huge choice of ready made dies of different shapes and sizes, letting you create tablets that are limited only by your imagination.

Powder Mixes

The excipient you use to bind your tablet is a great opportunity to personalise it with your favourite colour. To find out more about our range of top quality powder mixes, available in ten different shades, visit our website.