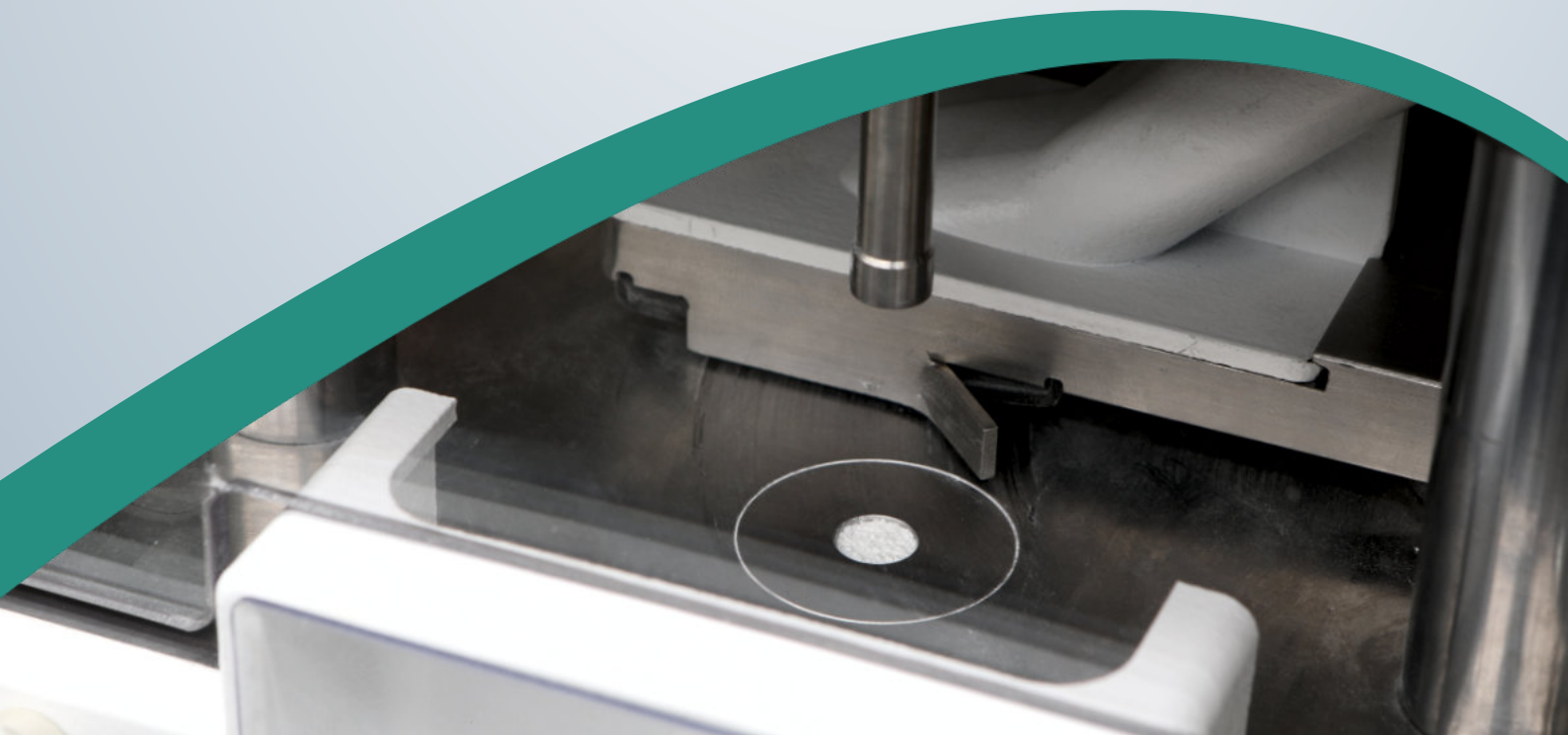




A new level of excellence in pharmaceutical equipment

catalog instrumentation
start-up of new compounding laboratories
project design
project development
technical assistance
formulation assistance





Over 20 years of experience at your disposal

The Gamma Pharmacy Equipment brand is built on the consolidated experience of **Italian designers and manufacturers** who have been active for **over twenty years in the industrial automation sector**.

It is a dynamic and operational company, capable of offering a **comprehensive range of innovative equipment for pharmaceutical compounding**, designed to effectively meet **the needs of modern laboratories**.

The same standards of **quality, reliability, and control** that guide the development of industrial systems are applied to the creation of our solutions for the **pharmaceutical, cosmetic, and compounding sectors**.

We design and manufacture equipment aimed at **simplifying, optimizing, and enhancing** the performance of magistral and officinal preparations, through **advanced technologies** and a **strong focus on innovation**.

We support you
in achieving
your goals



Xeo

Your laboratory, made simple.

The XEO line includes a wide range of equipment designed to specifically meet **all production needs of compounding laboratories and industrial environments.**

Each model is developed with precise production goals in mind, providing pharmacists with the **most suitable solution for their level of activity**, from start-up to structured growth in production volumes.

What sets the different machines in the line apart is not only their production capacity, but also the integration of **dedicated software, developed to ensure intuitive control, faster process management, and full traceability in line with modern requirements.**

This combination of technology and reliability makes the XEO line a complete, scalable solution that integrates seamlessly into **any professional workflow.**

Xeo tabs_I

The new compact and versatile Tablet Press Machine for pharmacy

Guaranteed compression consistency and power

Electronic touchscreen for setting the compression force and matrix height

Storable formulations

Production speed management

Up to 3000 tablets/hour

Compression force: 50 kN

Storable recipes

Dual active hoppers for improved powder flow

Automatic stop sensor for low powder level or uneven die filling

Formulation control sensor for overly adhesive powders

Function management and control via touch-screen interface

Remote assistance

Technical support

Formulation support



Compact countertop compressor ▶ ◻ ◀



Regular tablet punches for Xeo Tabs I - diameter from 7mm to 25mm
(round without breaker line)

Special tablet punches for Xeo Tabs I - diameter from 7mm to 25mm
(round with breaker line, oblong forms, customized upon request)

Xeo tabs_{IV}

The rotary Tablet Press Machine for medium-to large-scale productions



Fully customizable as needed

Ideal for high-performance production

The machine is capable of storing all formulas and formulations entered

Over 3,000 tablets/hour

50 KN power

Storable formulas

Active hopper for powder flow

Remote assistance

Technical assistance

Formulation assistance

Optional:

Product loading and unloading hopper customization

Custom tablet press with own logo

Interface with own management system

Compressive power control at each cycle via load cell with stop in case of rejection

Tablet hardness tester

A meter for determining the break point of the tablets (for all size and shape types).

This instrument was developed in pharmaceutical-grade stainless steel, ensuring the highest standards in terms of hygiene and absolute ease of use thanks to the support for the XEO_TEST built with 3D printing technology that guarantees the utmost convenience for the measurements.



Xeo test



Xeo mixer_I

Bench-top Powder Mixer with 3D motion



Bench-top Powder Mixer with 3D motion with a capacity of up to 3 liters for compounding laboratories.

This type of mixer offers great efficiency and reduced mixing time due to the rhythmic movement of the rotation, translation and inversion. It is extremely easy to use thanks to the software with storable programs controlled via a PLC with touchscreen, equipped with active safety functions that, in the event of the door opening, immediately interrupt the mixing to ensure complete safety in the laboratory.

It is sold with an adapter for installing various containers whilst also offering the possibility of inserting our own standard or customizable containers, all produced in pharmaceutical-grade stainless steel or in 3D printed plastic, being extremely easy to use and to clean.



Xeo filler

Automatic capsule filling machine with controlled weight filling



An automatic encapsulating machine that introduces a **genuine element of innovation to pharmaceutical compounding, bringing automation, reproducibility, and advanced process control to the encapsulation process**. Equipped with weight-controlled filling via a **load cell**, it automatically records **every individual batch weighing operation** in dedicated management software.

The brushless motorized axes ensure smooth and precise movement, while Industry 4.0 technology enables data export to a PC via the standard software. The system is completed by a pharmaceutical-grade stainless-steel support plate, an interchangeable syringe dosing unit, and exceptional ease of cleaning.

Xeo press

Manual press for cannabis-infused oil extracts

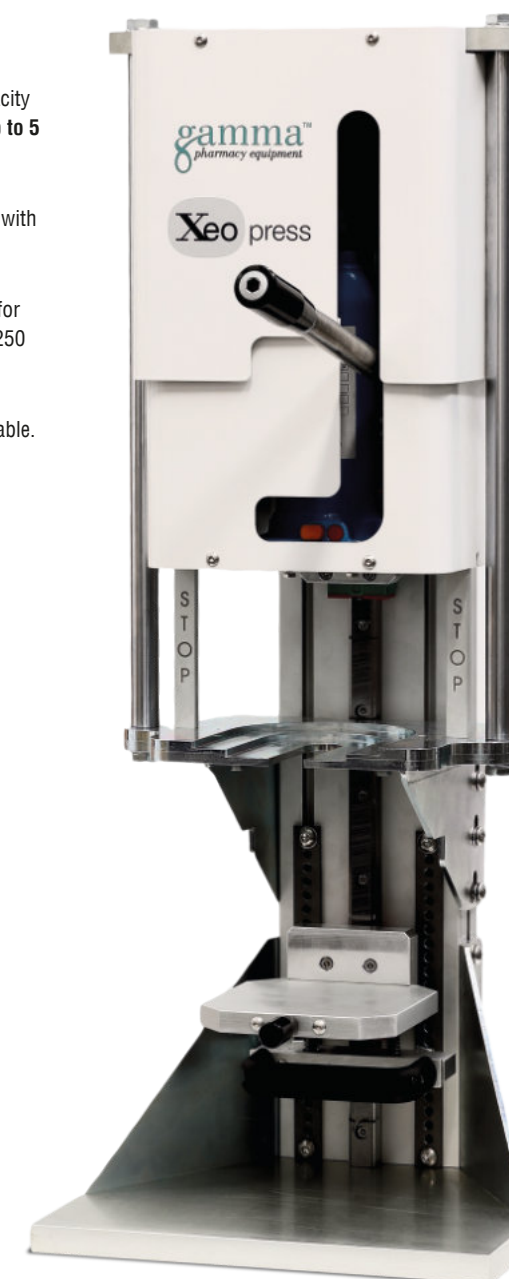
Hydraulic press for cannabis extraction oils, with a capacity ranging **from 50 to 1000 mL and a pressing force of up to 5 tonnes**.

Robust, load-bearing structure, with all parts in contact with the product made of **medical-grade stainless steel**.

Compatible with containers of different types and sizes for collecting the final product. Supplied with a 100 mL or 250 mL container.

Optional 500 mL and 1000 mL containers are also available.

Easy to operate and clean.



Xeo counter

Benchtop counting machine



A benchtop counting machine for tablets and capsules of any size, equipped with a fibre-optic sensor.

It guarantees simple operation and programming, requires no format changes, separates tablets and capsules individually, and counts them according to the quantity set through software operated via a touchscreen terminal.



Xeo mixer_{II}

Mixer with 3D motion for powders and liquids



This mixer adapts to quantities from 0.1 to 30 liters, for optimal powder mixing in a reduced time due to the rhythmic movement of the rotation, translation and inversion.

Equipped with touch-screen controlled software featuring storable recipes and a cleaning program, as well as an automated content discharge system. It also includes a lower drawer system to facilitate unloading when using containers exceeding 3 kg.

The unit is supplied with an adapter that allows the installation of various containers and a 10 liters container on board. Upon request, containers up to 30 liters are available.



Pharmaceutical-grade stainless steel containers for customizable mixers, available in 1, 2, 3, 5, 10, 20 and 30 litre versions.

Xeo mixer_{1H}

Xeo mixer_{3H}



Industrial mixers with double cone movement and customisable tank capacity

Extremely easy to use thanks to the touchscreen control with storable formulas and a hopper wash program for perfect cleaning.

Pharmaceutical-grade stainless steel mixing container is inside a chamber equipped with active safety functions that, in the event of the door opening, immediately interrupts the mixing to ensure complete safety in the laboratory.

Optional:

Track-mounted powder collection chamber

Lifting system for the filling container designed in accordance with the available space



Xeo caps

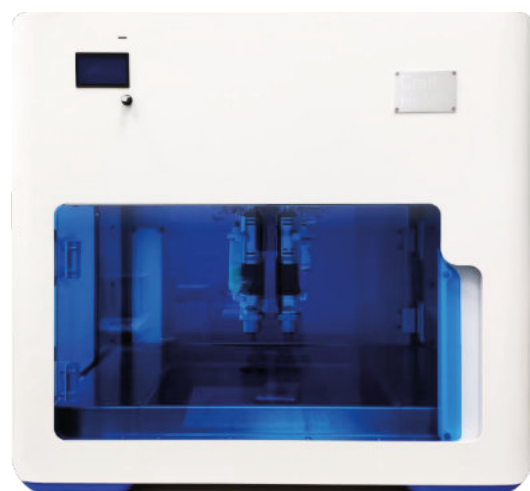
Manual capsule filler

Size 100 in pharmaceutical-grade stainless steel
(including machine base + 1 size of your choosing with capsule orienter)

Size 300 in pharmaceutical-grade stainless steel
(including machine base + 1 size of your choosing with capsule orienter)



Automatic bottle packaging and labeling lines (*custom*)



Craft Make 3D printer
for nutraceutical and
pharmaceutical applications

(3D printing at controlled temperature and pressure without heating or UV curing)



Bubble Test

BubbleTest is our tool for verifying the seal and integrity of the Millipore filters (with a pore size rating of 0.22 μm), used in the implementation and control of sterile pharmaceutical solutions. BubbleTest is made of AISI316L steel and comes equipped with a pressure gauge for an immediate filter integrity check at the end of processing the sterile solutions. It is easy and safe to use, thanks to the Luer docking systems.



How we develop your ideas "from scratch"

Your next project

Our facility is able to complement the products in our catalog, with the development of customized solutions

Our workflow is designed to provide you with expertise and support at every stage of completing your project.



Preliminary phase

At the preliminary stage, we hold an **introductory meeting** focused on your ideas and goals for production, gathering information regarding the requirements that the equipment must meet in order to satisfy your needs.

Evaluation phase

At a later stage, a study is conducted, greatly focused on the information collected to develop a **detailed and comprehensive proposal**.

An evaluation of **technical, financial and commercial aspects of the project** is then made to check **feasibility and sustainability**.

With the finalization of the proposal, **a base project is presented, comprising technical drawings, 3D models, specifications and business plans**.

This phase is essential for communicating, refining the final details and, where necessary, making any modifications.

Production stage

Once the project and business plan are approved, we proceed with the production phase. **In all of our productions, we exclusively use first-rate materials and supplies in order to ensure effective results over time.** Every stage of production – assembly, testing, packaging - is done with meticulous attention by **ensuring delivery within the predetermined timeframe**.

Our expertise is at hand to meet your goals. Together, we can bring ideas to life, improve efficiency and productivity, ensure safety for the customer and more.



We have what you're after





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