



ПРЕССЫ ГОРЯЧЕГО ПРЕССОВАНИЯ

QPRESS 50

The Qpress 50 is a modular hot mounting press for fast and simultaneously independent mounting of different materialographic specimens. Due to its modularity the Qpress 50 can be configured ideally to the specific customer's needs; e.g. the specimens can differ in size and material.

The 7" industrial touchscreen with intuitive software contains user account management, preinstalled recipes and user-defined maintenance tasks and more. The device combines fast mounting and high energy efficiency in a robust powder-coated steel case.



[Смотреть видео](#)

ПРЕИМУЩЕСТВА ОБОРУДОВАНИЯ

- | 7" industrial touchscreen user interface with intuitive QATM user software
- | Sliding closure with comfortable one-hand operation
- | Dust Guard removes fine dust to improve safety
- | Fast mounting
- | High modularity for both simultaneous and independently controlled mounting
- | User account management with different access rights
- | Pre-installed preparation methods and consumables
- | Powder coated steel housing

ПРЕССЫ ГОРЯЧЕГО ПРЕССОВАНИЯ QPRESS 50

ОСОБЕННОСТИ



IMPROVED SLIDING CLOSURE

One-hand sliding closure with integrated suction nozzle. When the mould is closed, excess granulate is pushed into a removable compartment (dirt trap). The sliding closure can be lifted off to clean the upper flask.



USER SAFETY

An integrated exhaust device (Dust Guard) protects the operator from inhaling expired fine dust during filling the moulds with mounting resin.



EASY TO OPERATE

The multi-functional button indicates the selected mounting unit, the operation state of the pressing unit and facilitates the operation of the whole unit. The 7" industrial touchscreen with control software consists of pre-installed mounting methods, consumables and offers the storage of more than 200 user-defined mounting methods.



FAST MOUNTING CYCLE

The Qpress 50 is designed for fast mounting including a pre-heat function and saves significantly time compared to other hot mounting presses.

HIGHLIGHTS

- | High modularity to meet specific customer needs
- | Dust Guard removes fine



dust to improve safety

- | Innovative design of heating/cooling unit guarantees precise and energy-efficient mounting process
- | Basic unit supports all additional pressing units
- | Pre-heat function reduces cycle time
- | Adjustable cooling power and a choice of cooling modes reduce water consumption



FOR UP TO 4 MOUNTS SIMULTANEOUSLY

EXCELLENT MODULARITY TO MEET YOUR NEEDS



QPRESS 50-2 - FOR MEDIUM QUANTITY OF MOUNTS

The Qpress 50-2 is the perfect choice for small and medium quantities of mounts. The basic unit includes one pressing unit and can be extended with one additional mounting unit at any time. The units are operated independently and simultaneously.



QPRESS 50-4 - FOR LARGE QUANTITY OF MOUNTS

Up to 4 mounts can be done simultaneously and independently from each other. The basic unit includes one pressing unit and is extendable by 1, 2 or 3 additional mounting units. The diameter of the mount of each pressing unit is chosen individually by 25.2 mm, 30 mm, 1 1/4" (~32 mm), 1 1/2" (~38 mm), 40 mm and 50 mm - each diameter with or without chamfer.

ПРЕССЫ ГОРЯЧЕГО ПРЕССОВАНИЯ QPRESS 50
MOUNTING IN 4 EASY STEPS



1. Fill the mould with the respective mounting material



2. Close the sliding closure by one-hand operation



3. Clean dirt trap as excess mounting material is automatically pushed towards it



4. Start the mounting method with multifunctional button

CLEAR, ROBUST DESIGN MADE IN GERMANY

SUPERIORITY IN DETAIL

1. Sliding closure

4. Control interface

- | One-hand operation
- | Innovative design
- | Safety closure under pressure
- | Easy to operate
- | Removable for cleaning upper ram
- | Includes dirt trap

2. Mounting

- | Fast mounting
- | 4 different pressure modes
- | Highly precise temperature control
- | Adjustable heating/cooling power

3. Modularity

- | Up to three different mount sizes
- | Simultaneous mounting
- | Independently controlled
- | Status indication by the multifunctional button

- | 7" color industrial touchscreen
- | Intuitive control software
- | Pre-installed preparation methods for QATM consumables
- | Smart control modularity
- | Assistance function for easy use of the additional pressing units

5. Pre-heat function

- | Pre-heating of mould
- | Reduces cycle time
- | Pre-heat temperature can be set manually

6. Dust Guard

- | Vacuums fine dust of mounting material
- | Integrated in design of sliding closure



ПРЕССЫ ГОРЯЧЕГО ПРЕССОВАНИЯ QPRESS 50

АКСЕССУАРЫ



RECIRCULATION COOLING UNIT

- | Powerful cooling with adjustable water temperature
- | Resource-saving circulation system instead of fresh water
- | Low maintenance, as the coolant circulates in a closed circuit, thus reducing limescale deposits

Also available as system cooling with the following advantages:

- | Convenient mobile slide-in mechanism
- | Can be fully integrated into the QATM system laboratory (system drawer 21 HT)



MOULD ASSEMBLY

Available with or without chamfer in these sizes:
Ø 25.2 mm, Ø 30 mm, Ø 1¼" (~32 mm), Ø 1½" (~38 mm), Ø 40 mm, Ø 50 mm

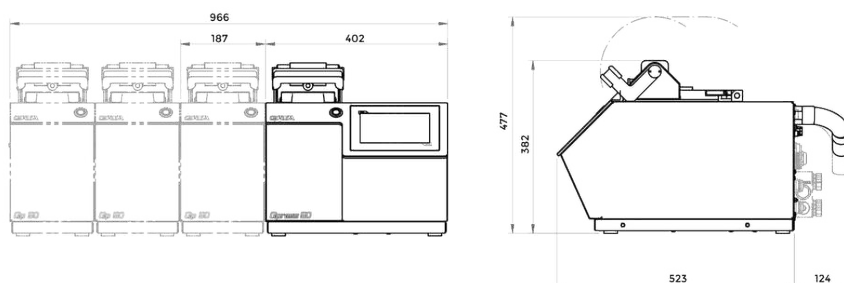
PERFECT MOUNTING – CONSUMABLES BY QPREP

запрессовка надежнее, безопаснее и эффективнее, если она выполняется с использованием правильного оборудования: знания, осторожность и правильный выбор расходных материалов и оборудования имеют решающее значение.



ПРЕССЫ ГОРЯЧЕГО ПРЕССОВАНИЯ QPRESS 50

ХАРАКТЕРИСТИКИ



Максимальное количество модулей прессования	2/4 Qpress 50-2: до 2 Qpress 50-4: до 4
Размер пресс-формы	ø 25,2 - 50 мм (6 различных размеров)
Система закрытия	скользящая крышка
Диапазон температур	20-200°C
Время нагрева	регулируется
Время охлаждения	регулируется
Макс. давление в цилиндре формы, в зависимости от размера формы	250-350 бар
Мощность подключения (базовый модуль)	1,6 кВА
Мощность подключения (дополнительные модули)	1,5 кВА
Мощность нагрева	1200 Вт
ШхВхГ (базовый модуль)	402 x 382 x 563 мм
ШхВхГ (дополнительный модуль)	187 x 382 x 449 мм
Вес	~ 50 кг
Weight additional pressing unit	~ 40 кг

www.qatm.com/qpress-50

ИНФОРМАЦИЯ ДЛЯ ЗАКАЗА

БАЗОВОЕ ОБОРУДОВАНИЕ

МАШИНА (НЕОБХОДИМА - 1 ШТ.)

M0800002		Qpress 50-4 Базовый блок 200-240В 50/60Гц (1Ph/N/PE) тип 1+3 (включает модуль управления и 1 модуль запрессовки, возможно подключение 1-3 дополнительных модулей запрессовки)
M0800003		Qpress 50-4 Базовый блок 100-120 В 50/60 Гц (1Ph/N/PE) тип 1+3 (включает модуль управления и 1 модуль запрессовки, возможно подключение 1-3 дополнительных модулей запрессовки)
M0800004		Qpress 50-2 Базовый блок 200-240В 50/60Гц (1Ph/N/PE) тип 1+1 (включает модуль управления и 1 модуль запрессовки, возможно подключение 1 дополнительного модуля запрессовки)
M0800005		Qpress 50-2 Базовый блок 100-120В 50/60Гц (1Ph/N/PE) тип 1+1 (включает модуль управления и 1 модуль запрессовки, возможно подключение 1 дополнительного модуля запрессовки)

ДОПОЛНИТЕЛЬНЫЙ МОДУЛЬ ЗАПРЕССОВКИ (МОЖЕТ БЫТЬ ЗАКАЗАН ОТДЕЛЬНО)

A0800011		Модуль запрессовки (Qp 50) 230В 50Гц
A0800012		Модуль запрессовки (Qp 50) 110В 60Гц

MOULD CYLINDER FOR 230V/50HZ VERSION (TO BE ORDERED WITH THE MACHINE OR PRESSING UNIT)

A0800237	Qpress 50 mould cylinder Ø 25 mm
A0800238	Qpress 50 mould cylinder Ø 1"
A0800239	Qpress 50 цилиндр для запрессовки Ø 30 мм
A0800240	Qpress 50 mould cylinder Ø 1 1/4"
A0800241	Qpress 50 mould cylinder Ø 1 1/2"
A0800242	Qpress 50 цилиндр для запрессовки Ø 40 мм
A0800243	Qpress 50 цилиндр для запрессовки Ø 50 мм
A0800244	Qpress 50 mould cylinder Ø 2"
A0800245	Qpress 50 mould cylinder Ø 25 mm, с фаской

A0800246	Qpress 50 mould cylinder Ø 1", с фаской
A0800247	Qpress 50 цилиндр для запрессовки Ø 30 мм, с фаской
A0800248	Qpress 50 mould cylinder Ø 1 1/4", с фаской
A0800249	Qpress 50 mould cylinder Ø 1 1/2", с фаской
A0800250	Qpress 50 цилиндр для запрессовки Ø 40 мм, с фаской
A0800251	Qpress 50 цилиндр для запрессовки Ø 50 мм, с фаской
A0800252	Qpress 50 mould cylinder Ø 2", с фаской

MOULD CYLINDER FOR 110V/60HZ VERSION
(TO BE ORDERED WITH THE MACHINE OR PRESSING UNIT)

A0800127	Qpress 50 mould cylinder Ø 25 mm
A0800128	Qpress 50 mould cylinder Ø 1"
A0800129	Qpress 50 цилиндр для запрессовки Ø 30 мм
A0800130	Qpress 50 mould cylinder Ø 1 1/4"
A0800131	Qpress 50 mould cylinder Ø 1 1/2"
A0800132	Qpress 50 цилиндр для запрессовки Ø 40 мм
A0800133	Qpress 50 цилиндр для запрессовки Ø 50 мм
A0800134	Qpress 50 mould cylinder Ø 2"
A0800135	Qpress 50 mould cylinder Ø 25 mm, с фаской
A0800136	Qpress 50 mould cylinder Ø 1", с фаской
A0800137	Qpress 50 цилиндр для запрессовки Ø 30 мм, с фаской
A0800138	Qpress 50 mould cylinder Ø 1 1/4", с фаской
A0800139	Qpress 50 mould cylinder Ø 1 1/2", с фаской
A0800140	Qpress 50 цилиндр для запрессовки Ø 40 мм, с фаской
A0800141	Qpress 50 цилиндр для запрессовки Ø 50 мм, с фаской
A0800142	Qpress 50 mould cylinder Ø 2", с фаской

ОПЦИИ (ЗАКАЗЫВАЮТСЯ С МАШИНОЙ)

95014560



Starter Kit Hot Mounting

Z0800001

Комплект для подключения (базовый модуль - охладитель)

A0800233	Cooling unit 1,7kW stand alone 230V/50Hz (1Ph/N/PE)
A0800234	Cooling unit 1,7kW stand alone 110V/60Hz (1Ph/N/PE)
A0800235	System cooling unit 1.7kW for system lab cabinet (21 HT) 230V/50Hz (1Ph/N/PE)
A0800236	System cooling unit 1.7kW for system lab cabinet (21 HT) 110V/60Hz (1Ph/N/PE)
A0800227	Qpress 50 vacuum cleaner 230V/50Hz (1Ph/N/PE)
A0800228	Qpress 50 vacuum cleaner 110V/60Hz (1Ph/N/PE)