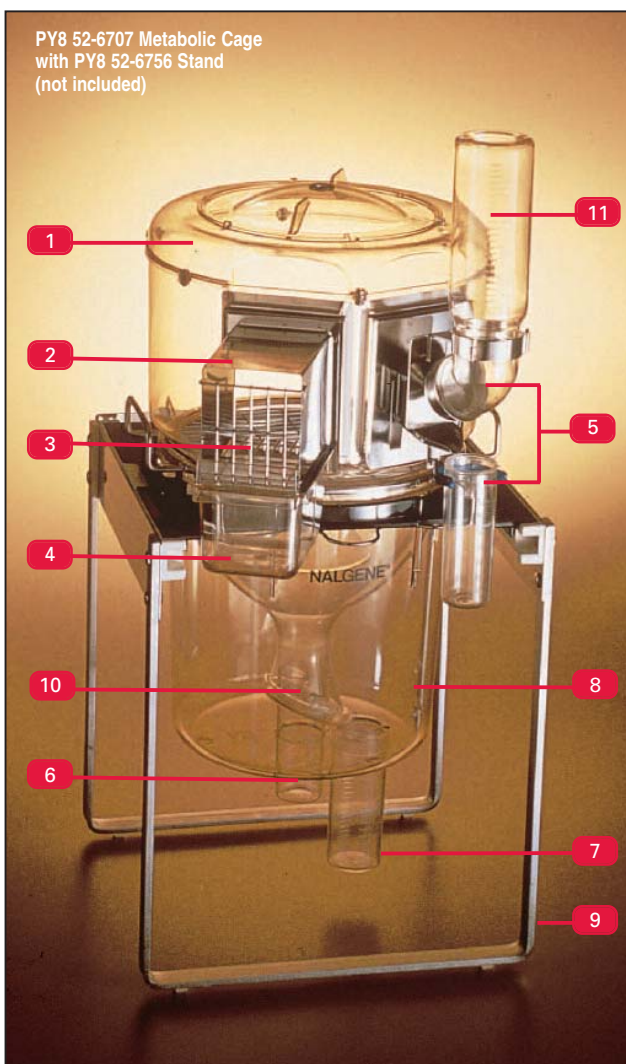


metabolic equipment

Metabolic Cages for Rodents

PY8 52-6707 Metabolic Cage
with PY8 52-6756 Stand
(not included)



- Provide uncontaminated, reliable samples for accurate metabolic monitoring
- Unique funnel-and-cone design completely and immediately separates feces and urine into tubes outside the cage
- Available in four sizes to accommodate mice, rats and other rodents of various weights
- Autoclavable

These Metabolic Cages prevent urine from washing over and entering the feces tube. Each excreta tube can be removed without disturbing the animal. Feed and water systems allow the animal's intake to be easily measured and are located outside the Cage to prevent spillage from contaminating the excreta. All Cage components are autoclavable.

Both the Small Rodent and Large Rodent Cages require the PY8 52-6756 Single Cage Stand.

- 1. Cover:** Large, vented cover keeps animal securely contained. Removable for easy access.
- 2. Upper Chamber:** Made of transparent polycarbonate. Surface is smooth, gnaw-proof and noiseless. Easily cleaned with warm soapy water.
- 3. Feeder Chamber:** Located outside Cage. Size discourages rodent from nesting or sleeping inside.
- 4. Feeder Drawer:** Polycarbonate drawer slides out for easy filling without disturbing the animal. Ideal for slurries, liquids or powders. Not designed for food in pellet form. Rear portion helps to catch spilled food to prevent contamination of feces.
- 5. Water Bottle Support & Spillage Collection Tube:** Designed to prevent water from entering the Cage and contaminating the urine. Calibrated spill tube facilitates measurement of the actual water intake.
- 6. Feces Collection Tube:** Non-wetting polymethylpentene. Pellets roll down the sides of the funnel and are collected in the tube. Unlocks from outside the Cage, with a single twist, without disturbing the animal.
- 7. Urine Collection Tube:** Non-wetting polymethylpentene. Urine flows along the inside of the collection funnel and is directed by the urine ring into the urine tube. Graduated in cubic centimeters. Unlocks from outside the Cage without disturbing the animal.
- 8. Lower Chamber:** Polycarbonate; can be removed without disturbing the animal; easily cleaned.
- 9. Stand:** A stand or rack must be used with each Rodent Metabolic Cage. The PY8 52-6756 stainless steel Single Cage Stand (pictured) supports one Cage and provides easy access to all parts.
- 10. Collection Funnel and Separating Cone:** Unique design and non-wetting polymethylpentene ensure immediate and complete separation of feces and urine.
- 11. Water Bottle:** Polycarbonate, calibrated, with stainless steel cap and sipper tube; 100 ml bottle for Metabolic Cages for Small Rodents; 250 ml bottle for Metabolic Cage for Large Rodents.

metabolic equipment

Metabolic Cages for Rodents (continued)

Metabolic Cage for Large Rodents

- For rodents weighing from 300 to 850 grams

This Cage is for rats, guinea pigs, and hamsters weighing from 300 to 850 grams. It includes the same fluid collection tubes and rings as the Metabolic Cages for Small Rodents, see left. In addition, the upper chamber, water bottle and support, feeder assembly and urine collection tube are sized for large rodents.

The Large Rodent Metabolic Cage is extremely versatile. It can be adapted to house smaller rodents by adding the PY8 52-6819 Adapter Gate, see below, plus either the PY8 52-6815 Mouse Kit, PY8 52-6817 Feeder Assembly for Rats under 150 g or PY8 52-6818 Feeder Assembly for Rats 150 to 300 g, see below.

Specifications

Dimensions, H x W x D	52 x 28 x 36 cm (20-1/2 x 11 x 14 in)
Domicile Portion, ID x H	24 x 18 cm (9-1/2 x 7 in)
Area	450 cm ² (70 in ²)

Order # Product

PY8 52-6707 Metabolic Cage for Large Rodents

Accessories and Spares

Replacement Feeder Chamber and Drawer. These Assemblies include a polycarbonate feeder drawer and stainless steel feeder chamber; all three sizes fit the Metabolic Cages for Small Rodents; for use with the PY8 52-6707 Large Rodent Metabolic Cage, it is necessary to add the PY8 52-6819 Adapter Gate, see below.

PY8 52-6816	For Mice: 2.4 cm (1 in) feeder opening
PY8 52-6817	For Rats: < 150 g, 3.5 cm (1-3/8 in) feeder opening
PY8 52-6818	For Rats: 150 to 300 g, 5 cm (2 in) feeder opening
PY8 52-6815	Mouse Kit. Includes PY8 52-6816 Mouse Feeder Assembly, mouse-sized grid and two mouse-sized urine tubes. Converts PY8 52-6723 Metabolic Cage for Rats < 150 g and PY8 52-6715 Metabolic Cage for Rats 150 to 300 g to a Metabolic Cage for Mice
PY8 52-6819	Replacement Adapter Gate. Allows smaller rodents to be housed in the PY8 52-6707 Metabolic Cage for Large Rodents; the Adapter Gate is a standard part of that Cage and is available separately here; when the Gate is placed in the opening for the Cage's feeder chamber or water bottle, a smaller feeder or water bottle support can be substituted; stainless steel
PY8 52-6820	Replacement Angle Adapter. Replacement part for the water bottle supplied with PY8 52-6707 Metabolic Cage for Large Rodents and PY8 56-0573 Metabolic Cage for Rabbits; autoclavable; transparent
PY8 60-1932	Diuresis Cage Adapter Kit for Mice. Converts any Metabolic Cage for Rodents into a diuresis cage for mice; includes funnel, short lower chamber and stainless steel screen

Metabolic & Diuresis Cages for Small Rodents

- For rodents less than 300 grams

The three Rodent Metabolic Cages are for rodents weighing less than 300 grams. All are identical in size but are supplied with different components for different sized rodents.

These Metabolic Cages include four fluid collection tubes with funnels (two water spillage tubes and two urine collection tubes), two feces collection tubes, two urine rings and a feeder chamber and drawer sized for the animal specified. The Cage for Mice also has mouse-size support grid and urine collection tubes. The Diuresis Cage for Mice is identical in size to the Metabolic Cages but has a smaller separating cone and collection funnel to minimize evaporation. It is used to collect by-products from a single mouse.

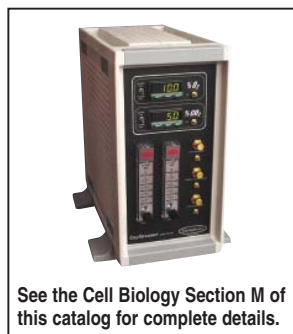
Specifications

Dimensions, H x W x D	48 x 28 x 36 cm (19 x 11 x 14 in)
Domicile Portion, ID x H	20 x 14 cm (8 x 5-1/2 in)
Area	320 cm ² (50 in ²)

Order # Product

PY8 52-6731	Metabolic Cage for Mice
PY8 52-6715	Metabolic Cage for Rats 150 to 300 g
PY8 60-1931	Diuresis Cage for Mice
PY8 52-6756	Single Cage Stand, measures 34 x 31 x 31 cm (13-1/4 x 12-1/2 x 12-1/2 in), (Fits all of the Small Rodent Cages listed above - See picture on facing page)

Oxystreamer®



See the Cell Biology Section M of this catalog for complete details.

- Provides two identical streams of any mix of O₂ and CO₂ gas
- Full range real-time control of both gases
- Simultaneous control of both gas and liquid phases, useful for live cell microscopy
- Easily switch from one gas concentration to another
- Eliminates the inflexibility and high cost of premixed gas, and inaccuracies due to gas stratification in premixed gas tanks
- Vertical footprint saves bench space

Order # Product

PY8 64-0382	Dual Stream Oxygen and Carbon Dioxide Controller 0 to 5 L/min
PY8 64-0383	Dual Stream Oxygen and Carbon Dioxide Controller 0 to 10 mL/min