

easySpiral Pro®

Automatic plater

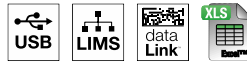
Ref 413 000



Standards:



Traceability:



Manufactured under:



easySpiral® Pro is an automatic plater for Petri dishes plating a liquid sample from 100 to 1×10^7 CFU/mL on one Petri dish without prior dilution.

TECHNICAL SPECIFICATIONS

- All stainless steel
- Controlled by microprocessor
- Fast rotating arm (Patented)
- Multi-use, autoclavable stylus
- Plating modes: exponential, circle or constant
- Petri dish diameter: 90 mm or 150 mm
- Can adapt to all sizes of Petri dishes with adjustable plating dish (Ref 413 019)
- Filling time (for different sample viscosities) and volume programmable by USB
- Test key for checking plating volumes (volumetric volumes)
- Disinfection process

- Preset dispensed volumes: 50, 100 or 200 μ L
- Counting range: from 100 to 1×10^7 CFU/mL
- Programmable dispensed volume (via USB) from 10 to 1000 μ L
- Volumes accuracy: ± 0.5 % (in normal mode)
- Syringe capacity: 1000 μ L
- Plating time: 8 seconds
- Plating cycle: 1 disinfection + 1 sample intake + 1 plating: 25 seconds
- Exponential mode: 4 dilutions logs on \varnothing 90 mm Petri dish / 6 dilutions logs on \varnothing 140/150 mm Petri dish
- Successive plating capacity with the same sample: up to 20 Petri dishes (50 μ L)
- Sample intake in Eppendorf™ 0.5/1.5/ 2 mL beakers or Dilucup™

- Cleaning and disinfection of the stylus by "Overflow" technology. Pressure: up to 8 bars (Patented)
- Approved disinfectants: bleach 1 % active chlorine or ethanol at 70 % or a solution of hydrogen peroxide H₂O₂ (1 to 5 %) and peracetic acid PAA (0.05 to 1 %)
- Security detection in case of lack of disinfection liquid
- Disinfectant autonomy (in normal mode): 1000 cycles (2 L bottles)
- Distilled water autonomy: 600 cycles (2 L bottles)

- Easy connection to PC via USB
- Traceability: Excel™ export, LIMS
- dataLink™ compatibility (label edition and automatic data transfer to Scan® automatic colony counters range)

- International machine marking : IP10
- Dimensions (w x d x h): 39,4 x 42,1 x 28,9 cm, weight: 16.3 kg
- Box (w x d x h): 60 x 50 x 55 cm, weight: 25.9 kg

1 / 2

easySpiral Pro®_FT_05/23 Pictures and information are not contractually binding. easySpiral Pro® is trademark. INTERSCIENCE reserves the right to change or improve the specifications of its products without notice. Please visit www.interscience.com for current updates and additional information. RCS 950 356 220 Versailles. INTERSCIENCE SARL F78860

interscience in the world

PARIS

Phone: +33 1 34 62 62 61
info@interscience.com

FRANKFURT

Phone: +49 611 7238 7770
sales.germany@interscience.com

BOSTON

Phone: +1 781 937 0007
sales.usa@intersciencelab.com

SHANGHAI

电话: +86 178 2123 6642
sales.china@interscience.cn

SINGAPORE

Phone: +65 6977 7232
sales.asia@interscience.com

TOKYO

Phone: +81 3 6712 9715
sales.japan@interscience.com

- Voltage - frequencies: 100-240V ~ 50-60Hz
- Fuses: T1.6A L 250V 5x20 mm
- Power: 45 W

- Warranty: 1 year further to warranty card recording
- Availability of spare parts: 10 years
- In compliance with standards ISO 7218, ISO 4833-2, FDA BAM (Bacteriological Analytical Manual), AOAC 977.27
- Manufactured under CE, UKCA, RoHS, WEEE
- Designed and Made in France

DELIVERED WITH

- 1 turntable for Ø 90 mm Petri dishes (by default on the unit)
- 1 box with:
 - 1 blue dye for testing (Ref 415 530)
 - 1 syringe with silicone tubing
 - 1 plating ring for Ø 150 mm Petri dishes
 - 1 Spiral® counting grid for Ø 90 mm Petri dishes (Ref 413 014)
 - 1 container stand for testing
 - 1 set of 2 filters (Ref 413 009)
 - 1 software (minimum requirements: screen resolution of 1280x960)
 - 1 USB A/B cable
- 1 Spiral® counting grid for Ø 150 mm Petri dishes (Ref 413 015)
- 1000 DB50 beakers (Ref 415 100)
- 1 EnzyClear® liquid detergent (Ref 413 029)
- 4 connection kit for GL45 bottle (Ref 413 003)
- 1 double connection kit for GL45 bottle (Ref 414 004)
- 1 stylus (Ref 414 001)
- 1 power cable
- **1 user's manual**
- 1 EnzyClear® quick user guide

OPTIONS / ACCESSORIES

- Ref 410 100 dataLink™: Traceability system
- Ref 410 120 Stickers for printer: Label rolls for thermal printer – Label size: 45 x 10 mm
- Ref 410 130 Film for printer: Thermal printer film
- Ref 413 001 Housing protection for platers: Transparent housing for working under laminar flow
- Ref 413 002 2 L Bottle (GL45): 2 L GL45 glass bottle
- Ref 413 003 Connection kit for GL45 bottles: Autoclavable connection set for GL45 bottles
- Ref 413 004 Syringe (1 mL): Syringe (1000 µL capacity)
- Ref 413 014 Spiral® counting grid (90 mm): Counting grid for Ø 90 mm Petri dishes
- Ref 413 015 Spiral® counting grid (150 mm): Counting grid for Ø 150 mm Petri dishes
- Ref 413 016 Support for Eppendorf™ (0.5 mL): Support for Eppendorf™ sample intake 0.5 mL
- Ref 413 017 Support for Eppendorf™ (1.5 et 2 mL): Support for Eppendorf™ sample intake 1,5 and 2 mL
- Ref 413 018 Support for Dilucup™: Support for sample intake in Dilucup™
- Ref 413 019 Adjustable plate for Petri dish (90-150 mm): Multiadaptable support for Petri dishes of 90 to 150 mm
- Ref 413 029 EnzyClear®: Spiral® plater detergent recommended for cleaning and pre-disinfection
- Ref 414 001 Stylus (1 mL): Stylus 1 mL
- Ref 414 003 Maintenance kit for platers (1 mL): Maintenance kit (1 stylus + 1 syringe + 1 x tubings (Ref 413 006), 1 grease tube, 10 pump filters, 2 female quick connectors)
- Ref 415 100 Beakers (DB50): 1000 beakers for Spiral® plater (5 mL)
- Ref 513 023 0.2 µm PTFE filters (Ø 25 mm): Set of 5 autoclavables filters (0.2 µm)
- Ref 522 000 Bar-code reader: Bar-code reader

TUBINGS

- Ref 413 006 Tubings: Silicone tubings with filter for cleaning pump
- Ref 413 009 Filters for rinsing bath: Set of 2 filters for rinsing bath
- Ref 413 028 Tube weights (ø 3 mm): Set of 5 tube weights (inner ø 3 mm)
- Ref 414 004 Double connection kit for GL45 bottles: Double connection kit for GL45 bottle to be used on the same bottle
- Ref 415 530 Blue dye for platers: Blue dye for Spiral® tests (125 mL)