

X-Porator H1 Electroporation System parameters and configuration



Model: EBXP-H1

Technical specifications:

1. Unique high density matrix needle electrode technology (HiDEN), transfection can be done directly in lab 96/24/12 well plates;
2. Unique titanium-platinum alloy electroporation cuvettes technology increases the transfection efficiency and viability of electroporation cuvettes;
3. Low voltage electroporation (voltage range 1 ~ 400V to ensure high cell viability);
4. Single cell processing amount up to 5×10^7 ;
5. The voltage waveform is a square wave, with the number of square waves ranging from 1 to 100;
6. Square wave duration of 10 to 100000us;
7. Pulse intervals of 15 to 10,000ms;
8. Wireless tablet control, the entire operation is executed in clean bench, reducing the risk of contamination;

EBXP-H1 configuration (standard):

EBXP-H1 Electroporation System	1 set
<i>Including:</i>	
Electroporation System EBXP-H1 main unit	1 unit
Base kit for titanium-platinum alloy Electroporation cuvettes (including 5 electroporation cuvettes)	1 set
H1 wireless control panel (8" tablet)	1 unit
Needle electrode connection cable	1 pcs
96-well plate matrix needle electrode	1 pcs
Power cables	1 pcs
System software EBXP-H1 Android control system software V1.0	1 set

EBXP-H1 consumables table (purchased separately)

Name	Item No.	Description	Unit
H1 Electroporation cuvette	H10201	Titanium-platinum electroporation cuvette, reusable	1 pcs
Needle electrode for 96-well plates	H10202	Infrequent use of electrodes for single-well electroporation directly on 96-well plates, suitable for adherent cells	1 pcs
Needle electrode for 24-well plates	H10203	Infrequent use of electrodes for single-well electroporation directly on 24-well plates, suitable for adherent cells	1 pcs
Needle electrode for 12-well plates	H10204	Infrequent use of electrodes for single-well electroporation directly on 12-well plates, suitable for adherent cells	1 pcs
EL buffer	H10305	Universal buffer for cell electroporation	1 bottle