



EN-E-11-001-001

1536/384/96 Automatic Plate Dispenser/Coating machine

◆◆◆◆◆ Automatic Plate Dispenser/Coating machine ◆◆◆◆◆

Reagent transfer between microplate, deep well plate and reagent tank,
reagent transfer, biological sample coating
handling volume of 0.1-300 μ l into each well

EDR-384UX

New Release



MedicaTec Corporation

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EDR-384UX ◆◆◆◆◆◆◆◆

Applying to reagent transfer between microplate, deep well plate and reagent tank, reagent transfer, biological sample coating

Product properties

- The working station aspirates reagent or sample from the agent tank or deep well plate and separate solution consecutively to microplate. A handling volume of 0.1-300 μ l into each well realizes a solution separation at wide range and high precision.
- Disposable aspirating head/metal head can be chosen, and the reagent transfer range is 0.1-5 μ l, 0.5-30 μ l and 10-300 μ l.
- Solution separation or reagent transference can be set.
Aspirate from deep well plate → dropping in microplate, aspirate from deep well plate → dropping in deep well plate
Aspirate from microplate → dropping in deep well plate, aspirate from microplate → dropping in microplate
Aspirate from reagent tank → dropping in deep well plate, aspirate from reagent tank → dropping in microplate
- Simple for 1536/384/96 head overflow washing, and easy disassembly of dropping head
- Plates automatically supply device (plate can be added during the treatment), automatically shut off if no plate is available



Product specifications

Dispense	1536/384/96 independent syringe
Dispense volume	0.1 μ l~5 μ l(1536/384/96ch Disposable tip liquid head) 1 μ l~30 μ l(384/96ch disposable tip liquid head) 1 μ l~30 μ l(384/96ch metal nozzle liquid head) 10 μ l~300 μ l(96ch disposable tip liquid head) 10 μ l~300 μ l(96ch metal nozzle liquid head)
Micro plate	1536/384/96well micro plate Deep well plate PCR plate and other OEM plate
Control software	Professional PC control software
Power	AC100 50/60Hz 200VA
Dimension	992(W)×400(D) ×1000mm(H)
Weight	90kg

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Disposable tip liquid head



Disposable tip rack loader



Control software

COMMAND	RunTime	SETTING 1	DATA 1	SETTING 2	DATA 2	SETTING 3
HeadToPlate	000000	000000	00			
HeadToTank	000000	000000	40			
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToTank	000000	000000	300	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	100	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000
HeadToPlate01-100uL	000000	000000	10	000000	00	000000

Product components

EDR-384UX main unit		
Product components		
Plate hopper unit		
Disposable tip rack loader		
Syringe head		
96ch	Disposable tip liquid head(with syringe unit) 0.1µl~5µl	
	Disposable tip liquid head(with syringe unit) 1µl~30µl	
	Metal nozzle liquid head(with syringe unit) 1µl~30µl	
	Disposable tip liquid head(with syringe unit) 10µl~300µl	
	Metal nozzle liquid head(with syringe unit) 10µl~300µl	
384ch	Disposable tip liquid head(with syringe unit) 0.1µl~5µl	
	Disposable tip liquid head(with syringe unit) 1µl~30µl	
	Metal nozzle liquid head(with syringe unit) 1µl~30µl	
1536ch	Disposable tip liquid head(with syringe unit) 0.1µl~5µl	
Control Software		
MCS		

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