



*0.1 $\mu$ L handling volume*



1536/384/96 multi-functional



multi-station table top dispenser

# EDR-384SII

New Release



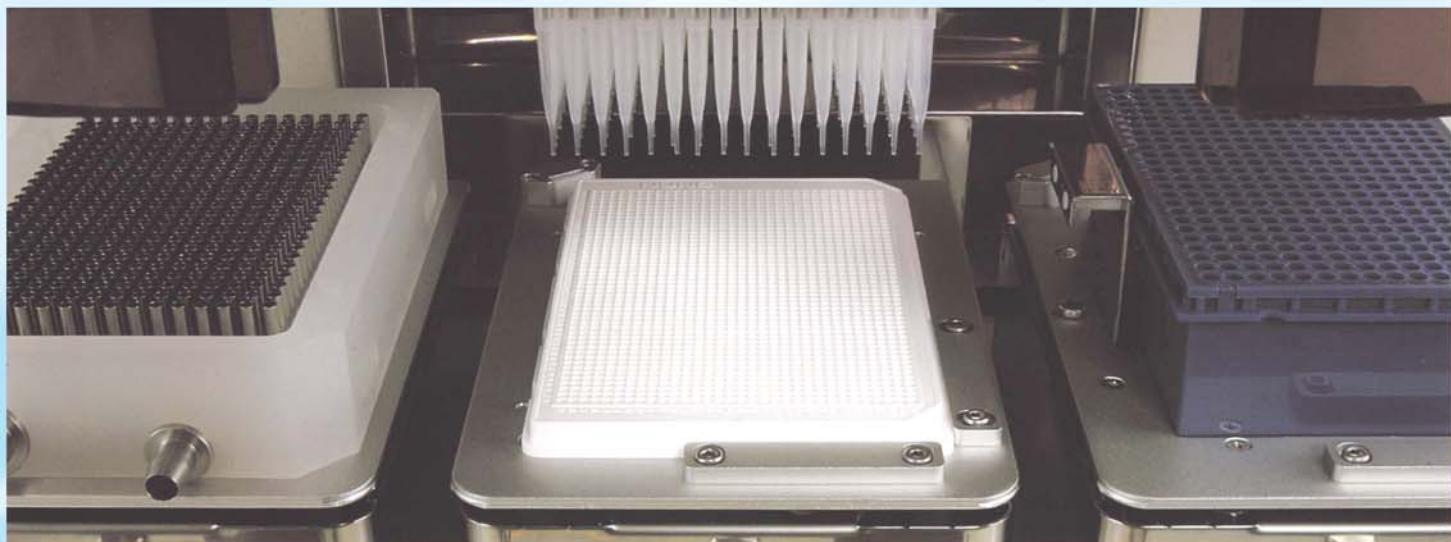
**MedicaTec Corporation**

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Tong Zhou-Qu Ba Li Qiao-Nan Jie No. 68, E#2901,  
Beijing, China, 101100  
TEL: + 86-10-89506062 Cell: +86-15110235386  
URL: <http://www.medicatec.cn>  
E-mail: zhangxiang@medicatc.cn

**EDR-384SII** ●◆◆◆◆◆

Maintain the freedom of artificial operation, and automatize the complex procedures  
Small multi-functional table top dispenser



- Nano litter liquid head which can handle a micro-volume of 0.1  $\mu\text{L}$
- Applicable to 1536/384/96ch microplate(Optional)
- Optional unit with automatic loading/unloading tip device
- Full range of automation is equipped with many optional units
- External PC program to make the machine more user-friendly operating environment

**[Applying examples]**

Beads/Filter plate Nucleic acid extraction  
PCR product, Sequencing reactant refining  
Plate format 96/384/1536  
Compound dilution, Dispense to Plate Assay  
Cell treatment  
ferment Assay

## Product specifications and operational components

**EDR-384II main working structure****Integrated syringe and components**

96ch	Integrated solution head 0.1 $\mu\text{L}$ ~0.5 $\mu\text{L}$ (Metal needle)	
	Integrated solution head 0.5~30 $\mu\text{L}$	Disposable plastic needle 0.5~30 $\mu\text{L}$ Metal needle 0.5~30 $\mu\text{L}$
	Integrated solution head 10 $\mu\text{L}$ ~300 $\mu\text{L}$	Disposable plastic needle 10~300 $\mu\text{L}$ Metal needle 10~300 $\mu\text{L}$
384ch	Integrated solution head 0.1 $\mu\text{L}$ ~0.5 $\mu\text{L}$ (Metal needle)	
	Integrated solution head 0.5 $\mu\text{L}$ ~30 $\mu\text{L}$	Disposable plastic needle 0.5~30 $\mu\text{L}$ Metal needle 0.5~30 $\mu\text{L}$

**Work station**

96ch head overflow wash unit	384ch head overflow wash unit	Microplate table
96<=>384<=>1536slider	Tip head automatic tip loading unit	Microplate shaker
Mixing unit	Vacuum unit	

**User program**

## PC control program MCS

**Specifications**

Dispense pattern	96/384 independent syringe	Power	AC100V~240V,100W
Dispense volume	0.1~5 $\mu\text{L}$ /0.5~30 $\mu\text{L}$ /10~300 $\mu\text{L}$ (only96ch)	Power consumption	100W
Working station	4 station	Dimension	(W)560mm(D)450mm(H)540mm
Treatable microplate	1536/384/96 microplate, deep well plate	Weight	50Kg