



EN-E-08-001-001

0.1 μ L handling volume

◆◆◆◆◆◆◆◆◆◆ 1536/384/96 multi-functional ◆◆◆◆◆◆◆◆◆◆
multi-station table top dispenser

EDR-384SII

New Release



96-384-1536 Multi Dispenser
MODEL EDR-384SII

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 **MedicaTec Corporation**

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 μ 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 0.1μL~0.5μL (Metal needle)	
	Integrated solution head 0.5~30μL	Disposable plastic needle 0.5~30μL
		Metal needle 0.5~30μL
	Integrated solution head 10μL~300μL	Disposable plastic needle 10~300μL
		Metal needle 10~300μL
384ch	Integrated solution head 0.1μL~0.5μL (Metal needle)	
	Integrated solution head 0.5μL~30μL	Disposable plastic needle 0.5~30μL
		Metal needle 0.5~30μL

Work station		
96ch head overflow wash unit	384ch head overflow wash unit	Microplate table
96 $\leftrightarrow$ 384 $\leftrightarrow$ 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 $\sim$ 240V,100W
Dispense volume	0.1 $\sim$ 5 μ L/0.5 $\sim$ 30 μ L/10 $\sim$ 300 μ 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