



Micro-liquid transfer processing technology experts

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VOL.16

General Product Catalog

Genome • Proteome

High Throughput Drug Screening

Clinical testing machine

Blood testing machine

Medica**T**ec **C**orporation

96/384ch microplate washer
MW-384CSII



384/96 deep well plate/microplate Dispenser
EDR-384U



1536/384 Table Top Liquid transfer station
EDR-384S



1536/384/96ch Multi-Stage liquid station
ADS-384-8



CellSurfer MW-384CS

- Minimize the cell damage brought by cell medium replacement for 96-well and 384-well microplates
- Multiple mechanical structures make the machine have many subtle feelings
- 96-well and 384-well microplates all adopt the independent syringes and dual pipetting heads
- Spraying/pipetting head and the microplate working station can be tilted by 15 degree maximally
- Equipped with automatic supply and wash tank
- Cleanse the overflow by pipetting head at high performance

EDR-384U

- 384/96 liquid head overflow washing
- liquid head take down easy
- 96<=>384well plate slider, Plate ID reader
- Reagent transfer
 - deep well plate→to microplate
 - deep well plate→to deep well plate
 - microplate→to deep well plate
 - microplate→to microplate
 - reagent container→to deep well plate
 - reagent container→to microplate

EDR-384S

- Nano litter liquid head, 100nL can be handled
- Applicable to 1536/384/96ch microplate(need Optional unit)
- Optional unit with automatic loading and unloading tip device
- External PC program to make the machine more user-friendly operating environment

ADS-384-8

- Plate hopper maximum 4units, for supply and plates collect, maximum storage 50 plates(14-16mm/plate)/unit
- Tip loader support change tip and process automatically
- Many optional units support high speed high quality process over flow wash container, bar-code reader, micro plate mixer, vacuum unit, liquid auto filling unit, cooling/heating block, tip receiver, other OEM unit available
- PC program give a good man-machine interface and support several protocol

ELISA low cost single line liquid head
mini washer AMW-8



AMW-8

- 8ch single line liquid head
- Easy to make washing user program from operation panel
- Space-saving, light-weight
- built-in liquid vacuum pump
- Washing liquid head loading and unloading simple easy maintenance
- Automatic self-cleaning liquid head function
- Dispense force adjustable

ELISA low cost single line liquid head
mini washer AMW-3



AMW-3

- Automatic dredge function to clean the nozzle(Optional)
- Automatic Head Rinsing, drain piping auto cleaning
- 8 or 12 well single line washing available(change head)
- Maximum 9 user program
- Dispense force adjustable
- Washing liquid head loading and unloading simple easy maintenance
- 8/12well single line head

ELISA Compact 96 well washer
MW-96AR



MW-96AR

- Automatic Head Rinsing, drain piping auto cleaning
- 96well wash at same time
- Double nozzle liquid head,
reduce contamination transfer between well
- Dispense force adjustable

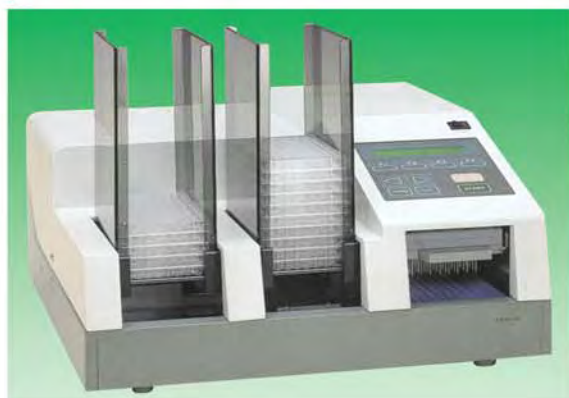
ELISA Compact 96 well washer
MW-96CR



MW-96CR

- Automatic dredge function to clean the nozzle
- Automatic Head Rinsing
- 3 sets of nozzle, reduce contamination transfer between well
- Can be handled by the manufacturers 96ch microplate
- After washing action, automatically cleaning washing head, to prevent fluid caused crystallization have in washing nozzle take the initiative to clean up the foreign body in nozzle. working at the certain time on washing process, to clean up the foreign body in nozzle.

ELISA Compact 96 well washer with
plate hopper feeder AMW-96S□



AMW-96SII

- 96well wash at same time
- Automatic Head Rinsing, drain piping auto cleaning
- Head overflow cleaning
- Dispense force adjustable
- Dispense and suction sensor(Optional)

96/384 well washer with
plate hopper feeder AMW-192



AWM-192

- Wash 384 or 96 well plate(change head)
- 96well wash at same time
- Plate hopper feeder
- Automatic Head Rinsing, drain piping auto cleaning
- Washing liquid head loading and unloading simple easy maintenance

Washer type and specifications

TYPE	Plate	Nozzle	Characteristic
AMW-8	96well	8	8 nozzle single line head
AMW-3	96well	8/12	8/12 nozzle single line head, dredge function
MW-96AR	96well	96	96 nozzle, head rinsing, drain piping auto cleaning
MW-96CR	96well	96	96 nozzle,automatic dredge function
AMW-96S□	96well	96	96 nozzle,20 plate hopper feeder
AMW-192	384/96well	192/96	384/96well,20 plate hopper feeder



Medicatec Corporation

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.medicattec.cn>

E-mail:zhangxiang@medicatec.cn

Beads Nucleic Acid Extraction Machine AGE-96



AGE-96

- Use 96ch liquid head and 8ch liquid head together, can dispense reagent, lysis, B/F, wash, dissolution, sampling to PCR plate.
- Use tip liquid head, no contamination.
- LCD man-machine interface.
- Table-top compact design

Liquid materials Automatic mixing sample coating machine ASP-9600 II



ASP-9600 II

- makes the sample mixing and coating automation
- Automatically calculated based on the mixing ratio of liquid materials, and liquid transfer volume
- Mixing head and coating head loading and unloading simple, easy maintenance
- liquid materials transfer volume 25~1000μL
- Sample coating volume 0.5~5μL

Compact liquid stations EDR-24LS



EDR-24LS

- Compact, 4 station, 6 kind of liquid head
- 1 tip head (liquid sensor)
0.5~30μL, 1~30μL, 10~300μL
- 12 tip head 1~30μL, 10~300μL
- 24 tip head 0.5~30μL
- PC software (Optional)
- Can be equipped with anti-drip shutter (optional)

8/12ch Line liquid head Automatic Dispenser/Diluter EDR-96X

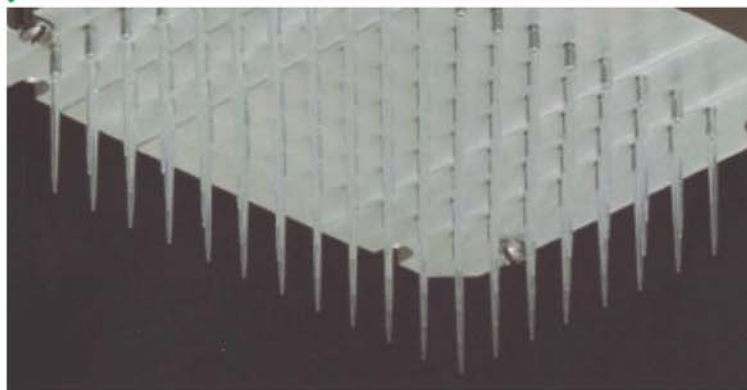


EDR-96X

- (Maximum 25) plates hopper
- Anti-reagent deposition stirrer device
- Microplate vibration device
- Tips Automatic loader

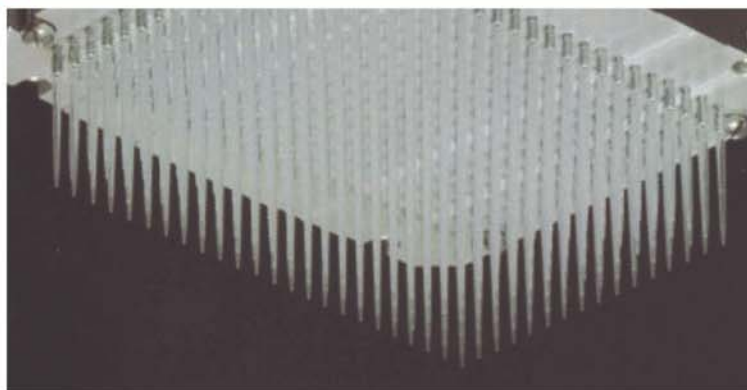
ADS-384-8/EDR-384 Liquid head Use Supermicro volume tip

96ch tip+ cylinder block



- Can be loaded on the ADS-384-8/EDR-384S II
- Liquid transfer volume 0.1~5μL
- Supermicro volume tip+cylinder block
- Tip loader unit(Optional)
- CV≤5% @384ch 0.1μL dry dispense
- CV≤3% @384ch 0.5μL dry dispense

384ch tip+ cylinder block



1536ch tip+ cylinder block



Micro tip

1box, Vertical (with a hard tip rack)

384 piece

Sterilized

BTS-5HRAS-1 (10 box)



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PCR DISPENSER
MODEL5000



MODEL5000

- Dispense samples(DNA, etc.)and reagents to PCR plate
- 8ch or 10ch tip head, can be selected
- At a certain sequence 1-20 μ l

Micro Plate coating machine
PME-1



PME-1

- Microplate coating
- 12/96/384ch dispense, suction

Micro Plate coating machine
PME-1100



PME-1100

- Microplate coating
- 96ch dispense/suction at same time

Test tube cork auto opener
MCO-75



MCO-75

- Open the test tube easily with no need of manual intervention to avoid splash contamination, and provide the operator with a more secure environment
- All the test tubes are opened at the same time, and the caps are discarded automatically into the waste bag
- Open time \leq 15sec/one rack

Automatic Tip setter
ATS-3000



ATS-3000

- Speed:Box/90sec
- Through multiple checking, remove over lapping tips and move to loading position
- 3000 tips (200μl) can be accepted in tip container
- Maximally 9 user program memories can be saved

Automatic bottle Dispenser
BD2010



BD2010

- Turn medicine bottle (with Drip tube) cap automatically, Open and seal the bottle cap automatically
- Dispense precision $\leq \pm 2\%$
- Dispense volume 1mL~500mL

Plate Jet Washer MW51
used microplate cleaning/recycling



MW51

- 96/120 well microplate cleaning/recycling
- 51 microplates can be cleansed at one time
- Washing liquid, water and DI water
- Warm wind drying

Automatic blood testing system
MEDIMAC-GR



MEDIMAC-GR

- Automatically determine the blood types in large quantities
- Centrifuge the blood test plate to achieve high accuracy of rapid detection



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