



**Toxicology**

# Supporting the road to participant recovery

## Cost effective drug testing solutions for any size drug court program

### It's easy to use

- Perfect for clinical use: BS-480 and BA-800M analyzers are US FDA Cleared and Health Canada Approved
- Load samples and reagents and start testing
- Samples and reagents can be added or removed while the instrument is running
- Software guides the user's interaction with the instrument
- Advanced detection capabilities:
  - Liquid level detection
  - Clot/Aggregate detection
  - Collision protection for the sample and reagent probes
- Precise reaction temperature control: 37°C with 0.1°C fluctuation
- Precise refrigerated reagent compartment: 2 – 10°C

### It's easy to maintain

- Most maintenance steps are automated and performed by the instrument
- Minimal maintenance steps, daily and weekly takes five minutes
- Software has instructions to help the user perform maintenance
- First year covered under manufacturer's warranty, thereafter, annual preventive maintenance visit from field service engineer



Mindray BA-800M Chemistry Analyzer



Mindray BS-480 Chemistry Analyzer

## Accommodates mid-high throughput urine drug testing volumes

Feature	BS-480	BA-800M
Throughput	400 Test Results/Hour	800 Test Results/Hour
Per 5 hours Instrument Operation	500-1000 Test Results	1000-2500 Test Results
Per 10-Drug Test Panel, 5 Hours Operation	50-100 Samples/Day	100-250 Samples
# Sample Positions	90 Total; 60 are barcode readable	440 Total
# Reagent Positions	80	120
Reaction Volume	120 – 360 µL	100 – 360 µL
Sample Volume	1.5 – 45 µL, step by 0.1 µL	1.5 – 35 µL, step by 0.1 µL
Reagent Volume	R1: 45 – 350 µL	
R2-R4: 10 – 350 µL	15 – 300 µL, step by 0.5 µL	
Weight	661 lbs.	1430 lbs.
Dimensions (W x D x H)	45 in x 28 in x 45 in	91 in x 40 in x 47 in

## Test menu

Having greater than 25 years of experience, Thermo Fisher Scientific offers one of the most extensive drugs of abuse screening immunoassay test menu in the industry.

Drug Tests				Specimen Validity Tests
Amphetamine	Cotinine	Heroin Metabolite (6-AM)	Mitragynine (Kratom)*	Creatinine Detect
Barbiturate	Ecstasy	Hydrocodone	Opiates	General Oxidant Detect
Benzodiazepine	Ecstasy Plus	LSD**	Oxycodone	Gravity Detect
Buprenorphine	Ethyl Alcohol	Methadone	Phencyclidine	pH Detect
Cannabinoids	Ethyl Glucuronide*	Methadone Metabolite	Propoxyphene	
Cocaine	Fentanyl	Methaqualone	UR-144/XLR-11*	

*\*For Criminal Justice and Forensic use only. \*\*Available only on BS-480*

## The Paracelsus® Software from ACT Innovations accommodates drug courts that utilize drug screening test cups or automated testing solutions

- Training and on-boarding can be done virtually
- Seamless integration with DCCM (drug court case management system)
- Easy to use, allows sample and test randomization and automated scheduling
- Chain of custody from sample collection to reporting
- Retrieve community drug positivity trend reports

 Learn more at [thermofisher.com/mindrayanalyzers](https://thermofisher.com/mindrayanalyzers)

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