

Multi Frequency Segmental **Body  
Composition Analyser** with  
interactive display console  
and in-built SD card facility



Body Composition Analysers

**MC 780MA**

The printout formats are available in both Asian and Caucasian.



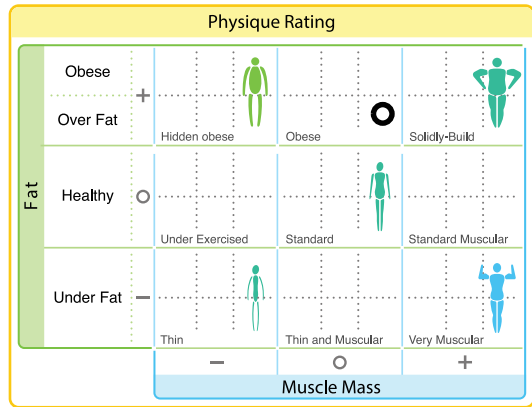
# Body Composition Analyzer

MC-780

Date / Time 3/8/2017 10:52 AM	Age 32 <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Athletic
Customer-ID / Name 1234568 Fong	Height 165.0 cm <input type="checkbox"/> Male <input checked="" type="checkbox"/> Female
	Clothes Weight (PT) 0.5 kg

Details

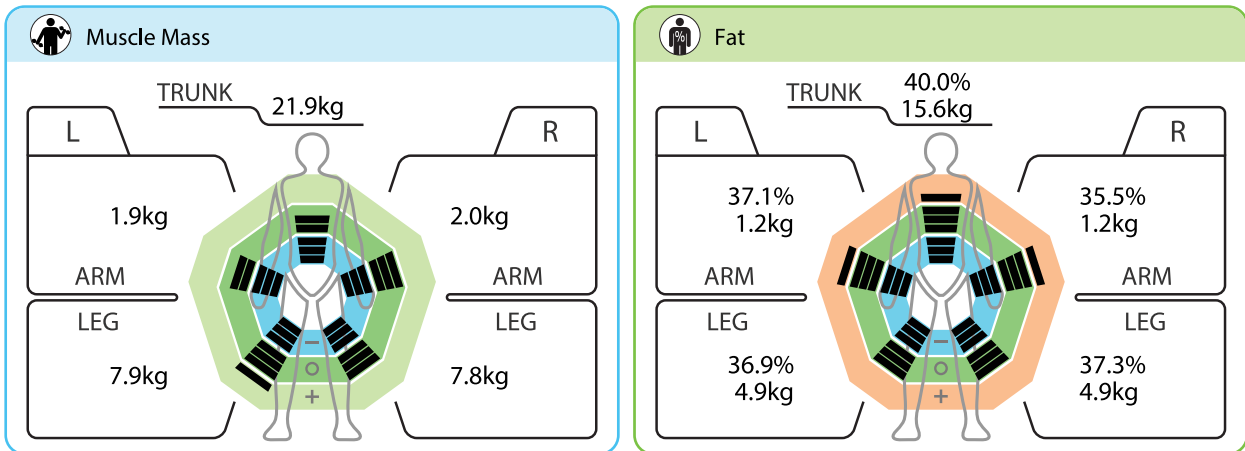
MC-780	Result	Desirable	Target	Diff
Body Weight	72.0 kg	50.4-68.1		
Fat %	38.6 %	21.0-35.0		
Fat Mass	27.8 kg	11.7-23.8		
FFM	44.2 kg			
Muscle Mass	41.5 kg	37.6-42.8		
Bone Mass	2.7 kg			
BMI	26.4	18.5-25.0		
SMM	24.4 kg			
Metabolic Age	47			



TBW - ECW (Extracellular Water) ICW (Intracellular Water) BMR - VFR

TBW Total Body Water	31.8 kg 44.2 %	ECW	13.6 kg	ICW	18.2 kg	BMR Basal Metabolic Rate	5744 kJ 1372 kcal	
ECW/TBW	42.8 %	Visceral Fat Rating	8					

Segmental Analysis



Balance

Muscle Mass Balance	Leg Muscle Score	BIA Information																																			
		<table border="1"> <thead> <tr> <th></th> <th>5kHz</th> <th>50kHz</th> <th>250kHz</th> <th>Phase Angle</th> </tr> </thead> <tbody> <tr> <td>H-L</td> <td>763.7 / 31.0</td> <td>684.3 / 66.6</td> <td>615.0 / 68.7</td> <td>5.6°</td> </tr> <tr> <td>RL</td> <td>283.4 / 11.2</td> <td>252.3 / 24.6</td> <td>227.2 / 20.8</td> <td>5.6°</td> </tr> <tr> <td>LL</td> <td>274.8 / 11.3</td> <td>244.1 / 24.1</td> <td>220.1 / 19.5</td> <td>5.6°</td> </tr> <tr> <td>RH</td> <td>440.5 / 17.7</td> <td>397.7 / 38.8</td> <td>355.5 / 45.0</td> <td>5.6°</td> </tr> <tr> <td>LH</td> <td>458.5 / 18.3</td> <td>412.1 / 41.8</td> <td>365.7 / 48.6</td> <td>5.8°</td> </tr> <tr> <td>L-L</td> <td>558.7 / 22.5</td> <td>496.8 / 49.5</td> <td>445.3 / 41.1</td> <td>5.7°</td> </tr> </tbody> </table>		5kHz	50kHz	250kHz	Phase Angle	H-L	763.7 / 31.0	684.3 / 66.6	615.0 / 68.7	5.6°	RL	283.4 / 11.2	252.3 / 24.6	227.2 / 20.8	5.6°	LL	274.8 / 11.3	244.1 / 24.1	220.1 / 19.5	5.6°	RH	440.5 / 17.7	397.7 / 38.8	355.5 / 45.0	5.6°	LH	458.5 / 18.3	412.1 / 41.8	365.7 / 48.6	5.8°	L-L	558.7 / 22.5	496.8 / 49.5	445.3 / 41.1	5.7°
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# AT A GLANCE

- ACCURACY GRADE: MDD Class II-a, NAWI Class III
- Accurate segmental body composition readings in seconds
- 3 frequencies allow intra and extra cellular water measurements
- Easy to use interactive display allows free standing use
- n-built SD card facility allows data to be automatically collected and downloaded at convenience
- Client Identity feature allows continuous data to be collected for each client effortlessly. Also allows large anonymous data sets to be collated for research studies
- USB Connection
- Display console can be reversed for confidential readings with children or when large obese clients step on
- Output to any Pictbridge printer for a detailed assessment sheet allowing a full consultation
- Lightweight, easy to disassemble and transport
- Maximum weighing capacity 270kg
- Calibrated up to 300,000 uses with automatic calibration after each measurement

## MC 780 MA

Multi-frequency Segmental Body  
Composition Analyser with Interactive  
display console and in-built SD card  
facility

MADE IN  
JAPAN



**GMON**  
SOFTWARE

## TOTAL BODY MEASUREMENTS

- Weight
- Body Mass Index
- Body Fat %
- Visceral Fat Indicator
- Fat Mass
- Fat Free Mass
- Muscle Mass
- Physique Rating
- Total Body Water Kg
- Total Body Water %
- Extra-Cellular Water Kg
- Intra-Cellular Water Kg
- ECW/TBW Ratio
- Phase Angle
- Basal Metabolic Rate ( Kcal, Kj )
- Basal Metabolic Rate Indicator
- Metabolic Age
- Bone Mineral Mass

## SEGMENTAL MEASUREMENTS

- Segmental Body Fat %
- Segmental Fat Rating
- Segmental Muscle Mass Kg
- Segmental Muscle Mass Rating
- Segmental Muscle Mass Balance
- Segmental Leg Muscle Score
- Segmental Reactance/Resistance

## TECHNICAL SPECIFICATION

Approved Usage	MDD approved for medical use
Age Range	5 - 99 years
Maximum Weight Capacity	270 kg
Graduation	0.1 kg
Product Dimensions	360 x 360 x 1165 mm
Product Weight	15.5 kg
Power Source	AC 100 - 240V
Interface Connections	RS232C, USB, SD card
Warranty	3 Years

