

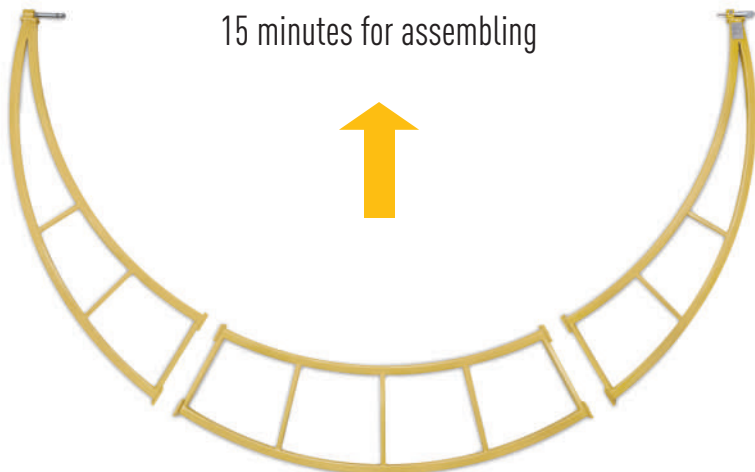
# WIDE RANGE COMPUTERIZED MICROMETER WIRELESS

- Patent UA99688, UA103981, UA126928, UA112291, UA1162316, UA124020, W02016124992 by MICROTECH
- Digital or Sub-micron computerized micrometer head with colour Touchscreen display 1,5"
- **INTELLIGENT** computerized indication system **MICS** with colour touchscreen display adapted to Industry 4.0
- Functions: Go/NoGo, Max/Min, Memory, Statistic, Timer, Formula, mm/inch, Preset, Calibration date, Lock, Mathematical & Temperature error compensation, Switch off, Brightness, Rotation, Rechargeable Li-Pol battery
- **Wireless** data transfer to Windows, Android, iOS applications with distance up to **50 m**
- **FREE** version of software for Windows PC, Android, iOS tablets and smartphones
- Calibration certificate included (ISO17025 (Ilac MRA))



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance



15 minutes for assembling



4.0

INDUSTRY 4.0  
READY

0.1 μm

RESOLUTION

IP65

PROTECTION



WIRELESS  
DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



TEMPERATURE  
COMPENSATION



ERROR COMPENSATION



## WIDE RANGE DIGITAL MICROMETER

| Item No   | Range    |        | Resolution |          | Accuracy | Micrometer head range | Calibration |
|-----------|----------|--------|------------|----------|----------|-----------------------|-------------|
|           | mm       | inch   | mm         | inch     | μm       | mm                    | ISO 17025   |
| 110174001 | 300-400  | 12-15" | 0,001      | 0.00005" | ±7       | 25                    | +           |
| 110175001 | 400-500  | 15-20" |            |          | ±7       | 25                    | +           |
| 110176001 | 500-600  | 20-24" |            |          | ±8       | 25                    | +           |
| 110177001 | 600-700  | 24-28" |            |          | ±8       | 25                    | +           |
| 110178001 | 700-800  | 28-32" |            |          | ±15      | 25                    | +           |
| 110179001 | 800-900  | 32-36" |            |          | ±15      | 25                    | +           |
| 110171101 | 900-1000 | 36-40" |            |          | ±15      | 25                    | +           |

## WIDE RANGE COMPUTERIZED MICROMETER WIRELESS

| Item No   | Range     |        | Resolution |          | Accuracy | Micrometer head range | Protection class | Indication   | Data output | Calibration |
|-----------|-----------|--------|------------|----------|----------|-----------------------|------------------|--|-------------|-------------|
|           | mm        | inch   | mm         | inch     | μm       | mm                    |                  |  | Wireless    | ISO 17025   |
| 110184008 | 300-400   | 12-15" | 0,0001     | 0.00001" | ±5       | 25                    | IP-65            | computerized<br>MICS system<br>with 1,54"<br>touchscreen | max 50m     | +           |
| 110185008 | 400-500   | 15-20" |            |          | ±5       | 25                    | IP-65            |  | max 50m     | +           |
| 110186008 | 500-600   | 20-24" |            |          | ±6       | 25                    | IP-65            |  | max 50m     | +           |
| 110187008 | 600-700   | 24-28" |            |          | ±7       | 25                    | IP-65            |  | max 50m     | +           |
| 110188008 | 700-800   | 28-32" |            |          | ±8       | 25                    | IP-65            |  | max 50m     | +           |
| 110189008 | 800-900   | 32-36" |            |          | ±10      | 25                    | IP-65            |  | max 50m     | +           |
| 110181108 | 900-1000  | 36-40" |            |          | ±10      | 25                    | IP-65            |  | max 50m     | +           |
| 110181208 | 1000-1200 | 40-48" |            |          | ±14      | 50                    | IP-65            |  | max 50m     | +           |
| 110181408 | 1200-1400 | 48-56" |            |          | ±16      | 50                    | IP-65            |  | max 50m     | +           |
| 110181608 | 1400-1600 | 56-64" |            |          | ±20      | 50                    | IP-65            |  | max 50m     | +           |
| 110181808 | 1600-1800 | 64-72" |            |          | ±24      | 50                    | IP-65            |  | max 50m     | +           |
| 110182108 | 1800-2000 | 72-80" |            |          | ±30      | 50                    | IP-65            |  | max 50m     | +           |

## WIDE RANGE COMPUTERIZED MICROMETER (RECTANGLE FRAME)

| Item No   | Range     |        | Resolution |          | Accuracy | Micrometer head range | Protection class | Indication   | Data output | Calibration |
|-----------|-----------|--------|------------|----------|----------|-----------------------|------------------|--|-------------|-------------|
|           | mm        | inch   | mm         | inch     | μm       | mm                    |                  |  | Wireless    | ISO 17025   |
| 110184058 | 300-400   | 12-15" | 0,0001     | 0.00001" | ±5       | 25                    | IP-65            | computerized<br>MICS system<br>with 1,54"<br>touchscreen | max 50m     | +           |
| 110185058 | 400-500   | 15-20" |            |          | ±5       | 25                    | IP-65            |  | max 50m     | +           |
| 110186058 | 500-600   | 20-24" |            |          | ±6       | 25                    | IP-65            |  | max 50m     | +           |
| 110187058 | 600-700   | 24-28" |            |          | ±7       | 25                    | IP-65            |  | max 50m     | +           |
| 110188058 | 700-800   | 28-32" |            |          | ±8       | 25                    | IP-65            |  | max 50m     | +           |
| 110189058 | 800-900   | 32-36" |            |          | ±10      | 25                    | IP-65            |  | max 50m     | +           |
| 110181158 | 900-1000  | 36-40" |            |          | ±10      | 25                    | IP-65            |  | max 50m     | +           |
| 110181258 | 1000-1200 | 40-48" |            |          | ±14      | 50                    | IP-65            |  | max 50m     | +           |
| 110181458 | 1200-1400 | 48-56" |            |          | ±16      | 50                    | IP-65            |  | max 50m     | +           |
| 110181658 | 1400-1600 | 56-64" |            |          | ±20      | 50                    | IP-65            |  | max 50m     | +           |
| 110181858 | 1600-1800 | 64-72" |            |          | ±24      | 50                    | IP-65            |  | max 50m     | +           |
| 110182158 | 1800-2000 | 72-80" |            |          | ±30      | 50                    | IP-65            |  | max 50m     | +           |

## TRANSFORMER COMPUTERIZED MICROMETER WIRELESS

| Item No   | Range      |          | Resolution |          | Accuracy | Modules | Micrometer head range | Protection class | Indication   | Data output | Weight | Calibration |
|-----------|------------|----------|------------|----------|----------|---------|-----------------------|------------------|--|-------------|--------|-------------|
|           | mm         | inch     | mm         | inch     | μm       |         | mm                    |                  |  | Wireless    | kg     | ISO 17025   |
| 110160155 | 1000-1500  | 40-60"   | 0,0001     | 0.00001" | ±28      | 2       | 50                    | IP-65            | computerized<br>MICS system<br>with 1,54"<br>touchscreen | max 50m     | 18     | +           |
| 110160205 | 1500-2000  | 60-80"   |            |          | ±32      | 2       | 50                    | IP-65            |  | max 50m     | 22     | +           |
| 110160305 | 2000-3000  | 80-120"  |            |          | ±50      | 3       | 50                    | IP-65            |  | max 50m     | 35     | +           |
| 110160405 | 3000-4000  | 120-160" |            |          | ±60      | 4       | 50                    | IP-65            |  | max 50m     | 47     | +           |
| 110160505 | 4000-5000  | 160-200" |            |          | ±75      | 5       | 50                    | IP-65            |  | max 50m     | 60     | +           |
| 110160605 | 5000-6000  | 200-240" |            |          | ±90      | 6       | 50                    | IP-65            |  | max 50m     | 79     | +           |
| 110160705 | 6000-7000  | 240-280" |            |          | ±105     | 7       | 50                    | IP-65            |  | max 50m     | 95     | +           |
| 110160805 | 7000-8000  | 280-320" |            |          | ±120     | 8       | 50                    | IP-65            |  | max 50m     | 115    | +           |
| 110160905 | 8000-9000  | 320-360" |            |          | ±135     | 9       | 50                    | IP-65            |  | max 50m     | 136    | +           |
| 110161005 | 9000-10000 | 360-400" |            |          | ±150     | 10      | 50                    | IP-65            |  | max 50m     | 160    | +           |

