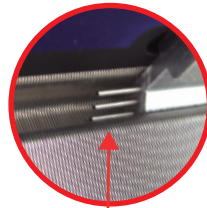
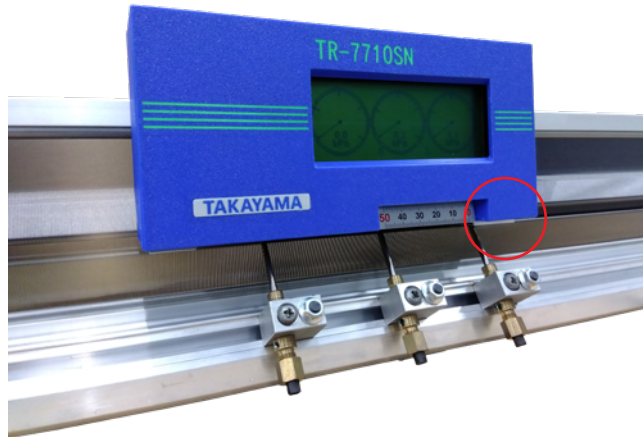


# Sub-Nozzle Inspector for Air Jet Looms

## TR-7710SN



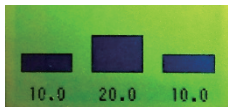
Pitot Tube

## TR-7700SN mini



The **TR-7710SN** and **TR-7700SN mini** can visually display the jet stats of the sub-nozzle, which is the basis of stable operation of AJL. The sub-nozzle can be adjusted while monitoring the display. Measurement data can be transmitted to a PC via a USB connection. The **TR-7710SN** is for continuous measurements that can be displayed in graphs on a PC, and the **TR-7700SN mini** is a compact model for point measurements.

### SPECIFICATIONS

| TR-7710SN                                                                                                                                                                                                                             | TR-7700SN mini                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment for measuring air pressure from sub-nozzle using three pitot tubes with display                                                                                                                                             | Equipment for measuring air pressure from sub-nozzle using three pitot tubes with display                                                                                                                |
| Applicable for All Air Jet Loom Makers                                                                                                                                                                                                | Applicable for All Air Jet Loom Makers                                                                                                                                                                   |
| Display:<br> <br>Analog meter mode<br>Bar graph mode<br>(40KPa) | Display:<br><br>Bar graph mode<br>(40KPa)                                                                           |
| Data Storage: Max. 5 data of max. 5,000mm<br>( <b>Continuous measurement</b> by encoder)                                                                                                                                              | Data Storage: Max. 60 sets (sub-nozzles) of displayed 3 values (pitot tubes) as <b>point measurement</b>                                                                                                 |
| Data Output (PC): Graphical display and CSV output                                                                                                                                                                                    | Data Output (PC): CSV output                                                                                                                                                                             |
| Power Source: Rechargeable with Hybrid SuperCapacitor (HSC)<br>About 1 hour for full-recharging,<br>About 2.5 hours as usage time at full-recharged,<br>Over 250,000 times rechargeable (USB power supply 5VDC).                      | Power Source: Rechargeable with SuperCapacitor (SC)<br>About 3 minutes for full-recharging,<br>About 1 hour as usage time at full-recharged,<br>Over 100,000 times rechargeable (USB power supply 5VDC). |
| Method of Fixation: Magnet (Lightly push the instrument to the reed)                                                                                                                                                                  | Method of Fixation: Magnet (Lightly push the instrument to the reed)                                                                                                                                     |
| Dimensions: 202mm x 90mm x 35mm                                                                                                                                                                                                       | Dimensions: 70mm x 98mm x 25mm                                                                                                                                                                           |
| Weight: 700g                                                                                                                                                                                                                          | Weight: 200g                                                                                                                                                                                             |

**TAKAYAMA REED CO.,LTD.**

2-27-20 JINGUJI, KANAZAWA, ISHIKAWA 920-0806 JAPAN

TEL: +81-76-252-2266

<https://www.takayamareed.co.jp/en/>

E-mail: [info@takayamareed.co.jp](mailto:info@takayamareed.co.jp)

