COLARIS
INK– AND HEAD PERFORMANCE TESTER

- INK DEVELOPMENT
- INK EVALUATION
- PRINT HEAD PERFORMANCE TEST
- PRINT HEAD FLOW RATE
The COLARIS INK Performance Tester is designed for development purposes in combination with the COLARIS INKJET Technology.

The Performance Tester is the ideal tool for the development or evaluation of inks and other jetting fluids. With the replaceable ink supply unit, you can change between the different ink types or fluids in a few minutes.

Advantages, characteristics, option

- Compact design, COLARIS INK Performance Tester - space-saving and flexible
- ALL-IN-ONE SOLUTION: COLARIS INK and HEAD Performance Tester includes a computer and software for easy setting of all relevant print head parameters
- Ink supply unit for easy change includes
  - vacuum system
  - ink circulation
  - ink degasser
  - ink filtration
  - ink control
- Print head flow rate test
- Reference print out of the print head
- Can also be used with a “drop watcher”
# COLARIS INK PERFORMANCE TESTER (ENG)

**ITEM #** | **QTY** | **SCOPE OF SUPPLY**
--- | --- | ---
1123016 | 1 | **COLARIS INK PERFORMANCE TESTER** for installation of 1 Fuji Starfire SG1024 head, incl. table, electrical cabinet with the complete control system, printing blanket for test prints, Ink supply unit, scales, personal computer, software module, accessory set (1123990), 1x Print head electronic (1124115 Head Interface board) *(excl. print heads)*

**ITEM #** | **QTY** | **SCOPE OF SUPPLY**
--- | --- | ---
1122980 | 1 | Unit **COLARIS INK SUPPLY UNIT** incl. 500 ml tank, 100 ml tank, degasser, peristaltic pump and 5 µ filter (each one)

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
--- | --- | ---
1119740 | 1 | Unit Filtration Unit complete

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
--- | --- | ---
1120694 | 1 Set | Tank 500 ml (5 tanks)

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
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1120697 | 1 Set | Tank 100 ml (5 tanks)

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
--- | --- | ---
1109497 | 1 | Degasser superphobic membrane contactor

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
--- | --- | ---
1101438 | 1 Box | Disk filter 5 µm (50 filters )

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
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1108593 | 1 | Peristaltic pump WP11-P3/16M2-WI6-BN

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
--- | --- | ---
1107641 | 1 Set | Hosepiece “Ready-to-use” P-3/16-WI6 SET incl. grease (5 hosepiece)

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
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1117894 | 1 Set | Paper roll glossy paper brilliant 200g/m², b=76 mm, 30 m (8 rolls)

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
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1121059 | 1 | **FUJIFILM Diamatix StarFire™** Print head SG1024 XSA

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
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1099239 | 1 | Print head SG1024 SA [1111305]

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
--- | --- | ---
1100389 | 1 | Print head SG1024 MA [1111307]

**ITEM #** | **QTY** | **ADD ON’S, CONSUMABLES AND SPARE PARTS**
--- | --- | ---
1103411 | 1 | Print head SG1024 LA [1111309]
### TECHNICAL DATA

<table>
<thead>
<tr>
<th>COLARIS INK PERFORMANCE TESTER</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>VOLTA GE</strong></td>
<td>220-240 Volt or 110—130 Volt</td>
</tr>
<tr>
<td><strong>POWER CONSUMPTION</strong></td>
<td>~ 1 KW</td>
</tr>
<tr>
<td><strong>AIR SUPPLY</strong></td>
<td>6 bar ± 1 bar</td>
</tr>
<tr>
<td><strong>PRINT BLANKET</strong></td>
<td>0.5m/sec</td>
</tr>
<tr>
<td><strong>OPERATING ENVIRONMENT</strong></td>
<td>24°C ± 4°C; 40-60% humidity (not condensing); dust-free and well ventilated</td>
</tr>
<tr>
<td><strong>SIZE OF TABLE (l x b x h)</strong></td>
<td>1950 x 800 x 1545 mm / 160 kg</td>
</tr>
<tr>
<td><strong>PC</strong></td>
<td>PC i7-6700K 16GB RAM 128GB SSD LAN: Intel Gigabt CT Desktop Adapter Windows 10 Pro</td>
</tr>
<tr>
<td><strong>SOFTWARE</strong></td>
<td>COLARIS PERFORMANCE Test V1</td>
</tr>
<tr>
<td><strong>FUNCTION</strong></td>
<td>Testprint; spitting; flow; testing of waveforms, ...</td>
</tr>
</tbody>
</table>

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