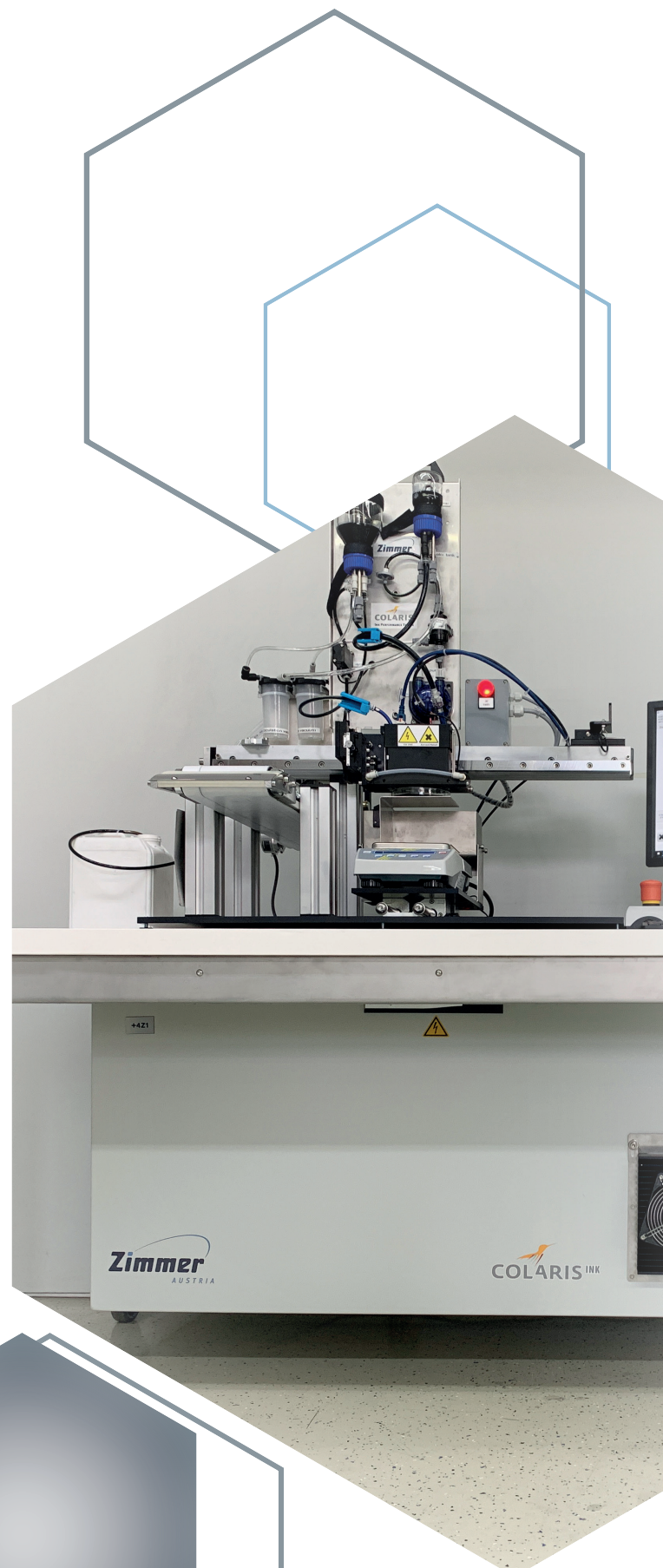




# COLARIS ink performance tester

# content

advantages, characteristics, options .....	4
scope of supply.....	5
add-ons .....	6

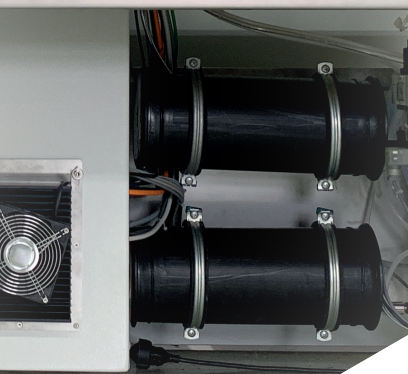






# highlights

- ◆ ink development
- ◆ ink evaluation
- ◆ printhead performance test
- ◆ printhead flow rate measuring



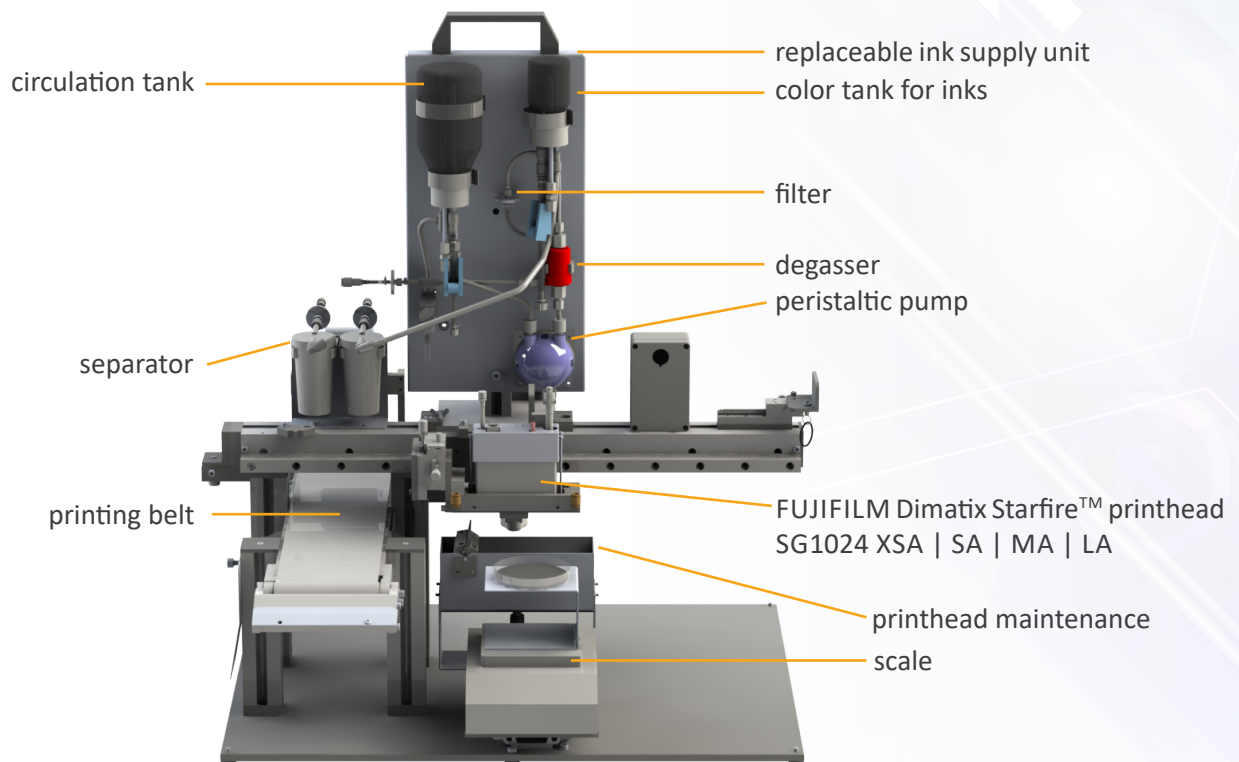
# COLARIS ink performance tester

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, OPTIONS

- compact design, system-space-saving and flexible
- all-in-one solution: includes a computer and software for easy setting of all relevant printhead parameters
- ink supply unit for easy change includes: vacuum system, ink circulation, ink degasser, ink filtration, ink control
- printhead flow rate test
- reference print out of the printhead
- can also be used with a „drop watcher“





## SCOPE OF SUPPLY



### COLARIS INK PERFORMANCE TESTSTATION SINGLE PRINthead

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, scale, computer, software module, accessory set (1123990), 1x printhead electronics (1124115 head interface board) (excl. printheads)

### OPTION: DOUBLE PRINthead

COLARIS head performance tester for installation of 2 Fuji Starfire SG1024 heads, including table, electrical cabinet, control system, printing belt for test prints, ink supply unit, scale, computer and HPT software module, accessory set (1123990) 2x printhead electronics (1124115 head interface board) (excl. printheads)



### TECHNICAL DATA

**printhead model:**  
FUJIFILM Dimatix Starfire™  
nozzle versions: XSA, SA, MA, LA

**purpose of COLARIS-IPT:**  
ink development, ink & print-  
heads performance testing

**customers:**  
ink manufacturers,  
textile and carpet printers

**voltage:**  
220 - 240 Volt or 110 - 130 Volt  
50/60 Hz

**power consumption:**  
~ 1 kW

**air supply:**  
6 bar ± 1 bar

**printing belt speed:**  
0.5m/sec

**operating environment:**  
24°C ± 4°C; 40 - 60% humidity  
(not condensing); dust-free and  
well ventilated

**size of table (l x w x h):**  
1950 x 800 x 1545 mm / 160 kg

**computer:**  
PC i7-6700K, 16 GB RAM,  
128 GB SSD, LAN: Intel Gigabit  
CT Desktop Adapter Windows  
10 Pro

**software:**  
COLARIS performance test V1

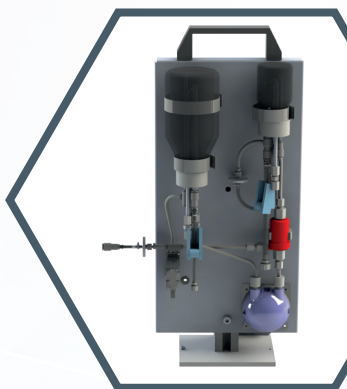
**function:**  
testprint, spitting, flow, testing  
of waveforms, ...

# ADD ONS

## consumables and spare parts

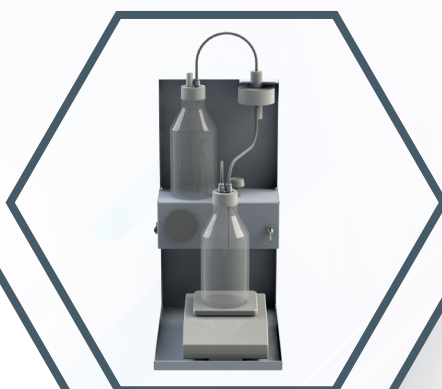
ITEM: 1122980  
QTY: 1 unit

COLARIS ink supply unit incl. 500 ml tank, 100 ml tank, degasser, peristaltic pump and 5  $\mu$  filter (each one)



ITEM: 1119740  
QTY: 1 unit

filtration unit complete



ITEM: 1120694  
QTY: 1 set

tank 500 ml (5 tanks)



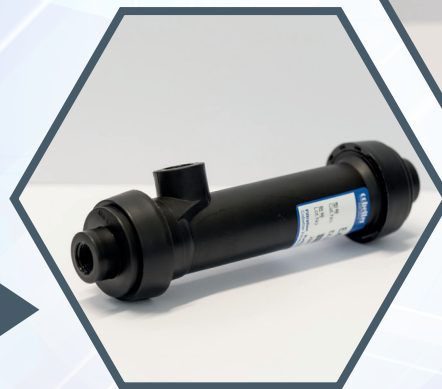
ITEM: 1120697  
QTY: 1 set

tank 100 ml (5 tanks)



ITEM: 1126265  
QTY: 1

degasser superphobic membrane contactor



ITEM: 1101438  
QTY: 1 box

disk filter 5  $\mu$ m (50 filters)







ITEM: 1108593

QTY: 1

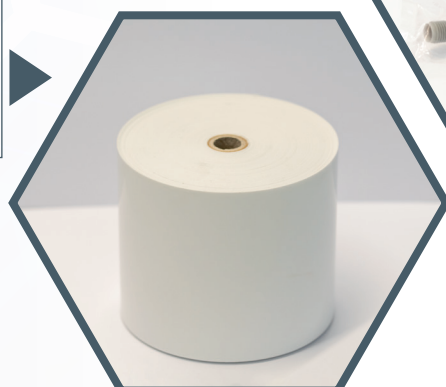
peristaltic pump  
WP11-P3/16M2-WI6-BN



ITEM: 1107641

QTY: 1 set

tube with couplings  
„ready-to-use“  
P-3/16-WI6 set incl. grease  
(5 hose pieces)



ITEM: 1117894

QTY: 1 set

paper roll glossy paper brilliant  
200g/m<sup>2</sup>, w=76 mm, 30 m  
(8 rolls)



**FUJIFILM DIAMATIX STARFIRE™**

**printhead SG1024 XSA**

ITEM: 1121059

QTY: 1

**printhead SG1024 SA**

ITEM: 1099239

QTY: 1

**printhead SG1024 MA**

ITEM: 1100389

QTY: 1

**printhead SG1024 LA**

ITEM: 1103411

QTY: 1

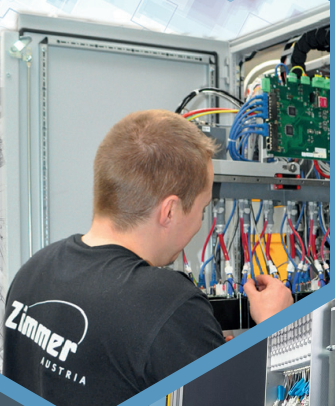
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