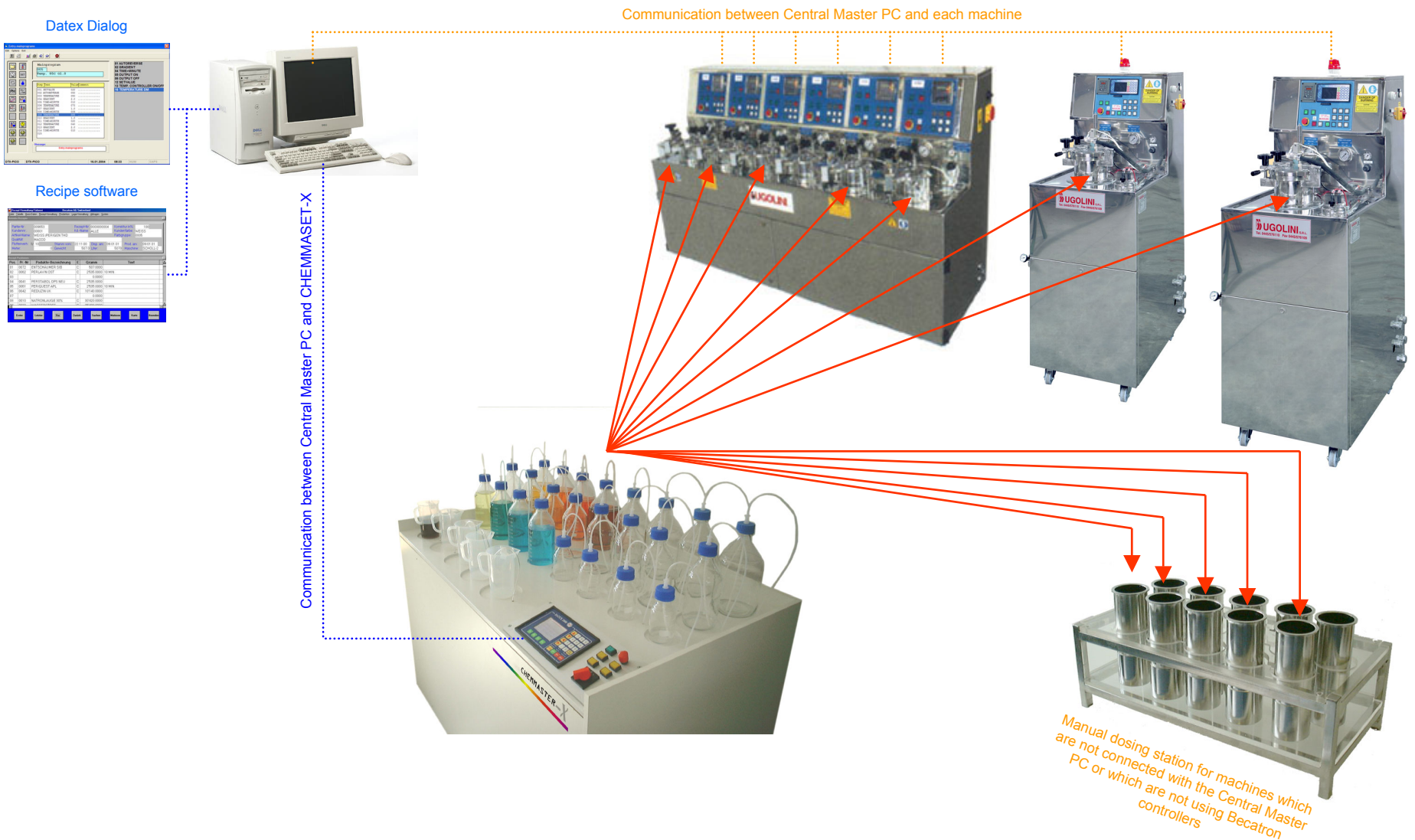


CHEMMASTER-X

CHEMICAL AND COLOR DOSING SYSTEM FOR LABORATORY APPLICATION

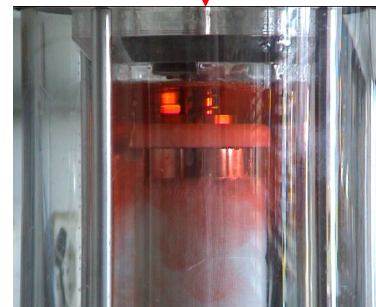


Principal scheme





The transport from the CHEMMASTER-X to the different dyeing machines are very simple. All colour and chemicals (from the 5 vessel for colour in the front or from the bottles) will dosing full automatically to each connected Laboratory dyeing machine. It is also possible to dosing the chemical to dyeing bombs for a infrared dyeing machine.





This special glass bottles are available in different kind of size. At the actual version of the CHEMMASTER-X we use 10 x 2000ml, 10 x 1000ml and 4 x 250 ml bottles.

For the colour we have 5 small plastic vessels which are very easy to change. We have a special



To refilling process of the bottles is very easy. You have to disconnect the plastic hose, turn off the bottles top and fill you wished liquid to your opened bottle. With this special stopper on the bottles top it is very easy to plug the hose.



The controller for the CHEMMASTER-X is the Datex 2000 NT. Through its integrated PLC (until 64 in-/outputs) it is very flexible to use. Its own flash memory can save 200 programs and 50 subroutines. On the graphic display, you can see each step of the recipe. To program the program and recipes, it is possible to connect the Datex 2000 NT with a PC. With this PC and the Becatron Dialog/Recipe Software, you can communicate with the controller Datex 2000 NT.



PC:
Programming software
Recipe software



Machine 1 Machine 2 Machine 3 Machine 4 Machine 5

Rezept-Verwaltung Färberei **Becatron AG Switzerland**

Datei Tabelle Basis-Daten Rezept-Verwaltung Produktion Lager-Verwaltung Abfragen System

Betriebs-Rezepte

Partie-Nr.: 009653 Rezept-Nr.: 0000000004 Korrektur in%: 100
 Kundennr.: 00001 Kd.-Name: ALLE Kundenfarbe: WEISS
 Artikel-Name: WEISS /PERIGEN THD Farbgruppe: 0005
 Qualität: MACCO
 Flottenverh: 1/ 10 Stamm vom: 22.11.00 Disp. am: 09.01.01 Prod. am: 09.01.01
 Meter: 0 Gewicht: 507.0 Liter: 5070 Maschine: SCHOLL-2

Rezept-Positionen

Pos.	Pr.-Nr	Produkte-Bezeichnung	E	Gramm	Text
01	0072	ENTSCHÄUMER SIB	C	507.0000	
02	0062	PERLAVIN OST	C	2'535.0000	10 MIN.
03				0.0000	
04	0041	PERSTABOL OPS NEU	C	2'535.0000	
05	0061	PERIQUEST APL	C	2'535.0000	10 MIN.
06	0042	REDUZIN UK	C	10'140.0000	
07				0.0000	
08	0010	NATRONLAUGE 30%	C	30'420.0000	
09	0000	WASSERSTOFF	C	25'400.0000	

Erster Letzter Vor Zurück Suchen Mutieren Karte Beenden

All needed software components are included in the CHEMMASTER-X system. That means:

- PC Programming software for the controllers
- PC receipt software for making your own receipt

With all this components it is very simple to use this complete full dosing system.

Suchen von Produkte Daten

Produkte-Nummer: 0022
 Produkte-Bezeichnung: WASSERSTOFF
 Bemerkung:
 Lieferant: 0010
 Spez. Gewicht: 1.0
 Konzentration in %: 35.0
 Preis: 0.60
 Mindestvorrat: 200.000 Bestand: 954.627
 Ionenart:
 Typ (Klasse): CHEMIEKALIE
 Giftklasse:
 Start-Offset Dosieren: 0.0
 Tank-Nr.:
 Toleranz: 0
 Einheit: C

OK

Entry mainprograms

Mainprogram
 S05
 Temp: 85C G1.0

Prog. Desc	Prog. Comment
001 SET/BLIND	000
002 AUTO/VERSE	000
003 TIME/MINUTE	000
004 GRADIENT	2.0
005 TIME/MINUTE	000
006 TEMPERATURE	070
007 GRADIENT	1.0
008 TIME/MINUTE	000
009 TIME/MINUTE	000
010 GRADIENT	1.0
011 TEMPERATURE	000
012 TEMPERATURE	040
013 GRADIENT	2.0
014 TIME/MINUTE	000
015	000

01 AUTO/VERSE
 02 GRADIENT
 04 TIME-MINUTE
 05 OUTPUT ON
 06 OUTPUT OFF
 12 RETVALVE
 13 TEMP. CONTROLLER ON/OFF
 15 TEMPERATURE DM

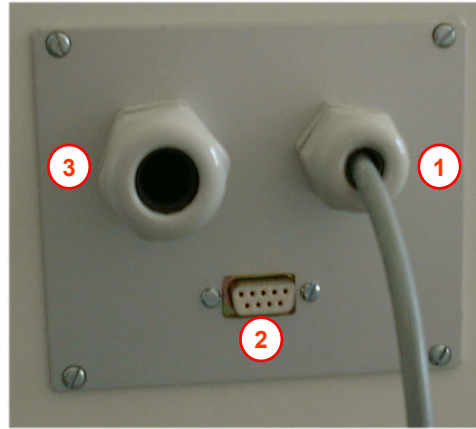
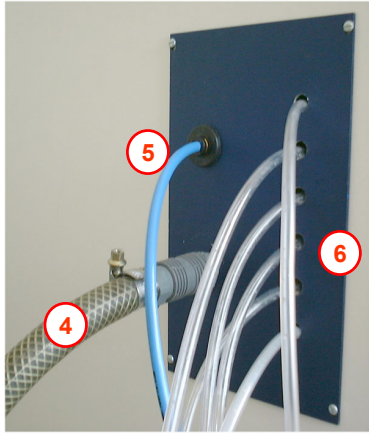
Message: Entry mainprograms

DTX-PICO DTX-PICO 16.01.2004 08:33 H00M CAPS



Technical specification:

Power supply	:	230 V
Pressure air	:	1.0 bar
Water	:	1.0 bar
Pump chemical	:	200 – 300 ml / min.
Pump colour	:	300 – 400 ml / min.
Dosing quantity	:	minimum 10 ml
Exactness	:	+/- 1 ml
Chemical bottles	:	10 x 2000 ml 10 x 1000 ml 4 x 250 ml
Colour vessels	:	5 pieces
Dyeing machine	:	5 machine are possible to connect
Controller	:	Datex 2000 NT or Datex Touch



Connection specification:

- 1) Power supply
- 2) PC connection
- 3) Reserve
- 4) Water
- 5) Pressure air
- 6) Output to the machines (in this case 5 pcs)

