

Grumbach Incubators

Lyon Technologies, Inc. is now the exclusive distributor for Grumbach Incubators of Germany for the U.S.A. and Canada

■ The Finest in German Engineering:

Low temperature variation, smooth turning, slow reverse air movement.

■ Special Rollers for Smooth Egg Turning, Vibration Free:

Turning takes approximately 15 minutes to prevent vibration and damage to the embryo.

■ Solid State Reliability and Accuracy:

State of the art electronics with a proportional thermostat and a secondary safety thermostat offer a high level of accuracy and reliability.

■ Adaptability to the Greatest Extent

■ Quality and Dependability

■ Used by Top Zoos and Bird Breeders around the World



Item shown Compact S84, with Digital Thermometer and Digital Hygrometer. Also shows capillary thermometer and hair hygrometer

Basic Equipment for Compact S84 and BSS Units:

- Electronic regulation of temperature for maximum precision.
- Circulation air system for optimum distribution of temperature.
- Egg trays with rollers, adjustable to each size of egg, capacity 42 chicken eggs per tray.
- Automatic turning - determination of turning intervals and degree of turning by pressing tabs on timer.
- Automatic humidity control, adjustable for 40% to 99%, water reservoir 4.5 liters. It can add humidity only, very accurate.
- Manual security thermostat for protection in case of primary thermostat failure.
- Filter to remove dust.
- Precise angle capillary thermometer and hair hygrometer. (Except in digital units)
- Fresh air regulation with stainless rosette or aluminum slide.



Control panel shown with digital temperature and humidity readouts.



Grumbach Incubators

The Best For Your Chicks!

Technical Data

CATALOG NUMBER	DESCRIPTION	CAPACITY CHICKEN EGGS	TRAYS	LENGTH IN.	HEIGHT IN.	DEPTH IN.	WEIGHT LBS.	WATTS MAX
8012	S84 Hatcher	84	2	26	18	19	49	330
8014	S84+2 auto. trays +hum. control	84	2	26	18	19	49	420
8014/01/02	8014+8901+8902	84	2	26	18	19	49	420
8014/01/02/09	8014+8901+8902+8909	84	2	26	18	19	49	420
8103	BSS160+4 auto trays +hum. control	168	4	26	24	19	110	420
8203	BSS300+7 auto trays +hum. control	294	7	26	35	19	132	720
8203/01/02	8203+8901+8902	294	7	26	35	19	132	720
8303	BSS420+10 auto trays +hum. control	420	10	26	46	19	165	720
8303/01/02	8303+8901+8902	420	10	26	46	19	165	720

*All Grumbach machines are 220 volts, a step up transformer is needed for 120 volts.

CATALOG NUMBER	DESCRIPTION
8901	Digital Thermometer
8902	Digital Hygrometer
8909	Cool Down Timer



8901 Digital Thermometer (Centigrade)



8902 Digital Hygrometer

ACCESSORIES	DESCRIPTION
8903	Capillary Thermometer
8904	Hair Hygrometer
8910	Wet Bulb Thermometer
8900-500	Step Up Transformer 500 Watts
8900-1000	Step Up Transformer 1000 Watts
9020	Replacement Digital Thermometer
9021	Replacement Digital Hygrometer



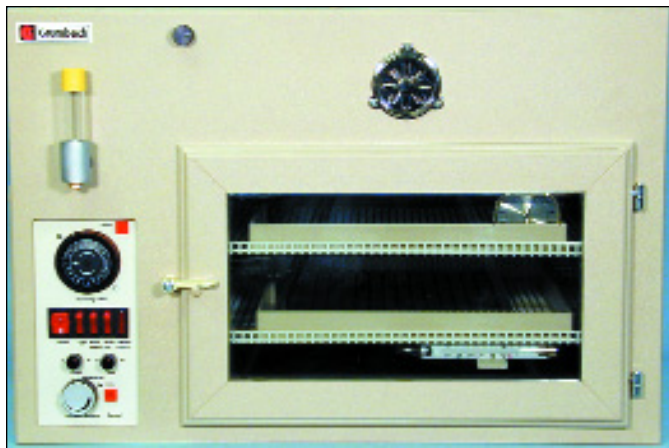
8903 Capillary Thermometer (Centigrade)



8904 Hair Hygrometer

EGG CAPACITY PER ROLLER TRAY

CHICKEN	SMALL CHICKEN	PARROT PHEASANT	QUAIL CONURES	DOMESTIC DUCK	DOMESTIC GOOSE	EMU
42	46	62	125	30	15	8-12



8014/09-Compact S84 with cool down timer.



8014/01/02 Compact S84 with digital thermometer and digital hygrometer.



Grumbach Incubators



Incubator BSS160

Small to medium capacity incubator. For the specialized breeder and zoological park needing a greater capacity than the compact S84 series.

Includes programmable motor turning, 4 egg trays, each with 8 turnable rollers, adjustable to the size of the egg, directly adjustable automatic humidification system, cooling timer and digital thermometer. Full synthetic material for optimum hygiene, easy to clean and disinfect. Model shown here includes digital thermometer and cool down timer.

Catalog No. 8103

Step-up transformer required for voltage conversion is available. S84 and BSS160 require 500 Watt models.



Incubator BSS300

Includes programmable motor turning, 7 egg trays, each with 8 turnable rollers, adjustable to the size of the egg, directly adjustable automatic humidification system, cooling timer and digital thermometer. Full synthetic material for optimum hygiene, easy to clean and disinfect.

Model shown here includes digital thermometer, digital hygrometer and cool down timer.

Catalog No. 8203

Lyon Technologies, Inc. will keep 8014/S84 units in stock, please allow 6-8 weeks lead time for larger units. 1000 Watt step-up transformer required for BSS300 & 420 models.



Incubator BSS420

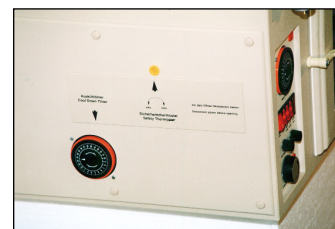
Includes programmable motor turning, 10 egg trays, each with 8 turnable rollers, adjustable to the size of the egg, directly adjustable automatic humidification system, cooling timer and digital thermometer. Full synthetic material for optimum hygiene, easy to clean and disinfect. Model shown here includes cool down timer.

Catalog No. 8303

Lyon Technologies, Inc. will carry spare parts and accessories and will provide repair service for current owners of Grumbach machines. Please contact us for advice before sending a unit back to us.



Roller tray with 10 rollers



Cool down timer