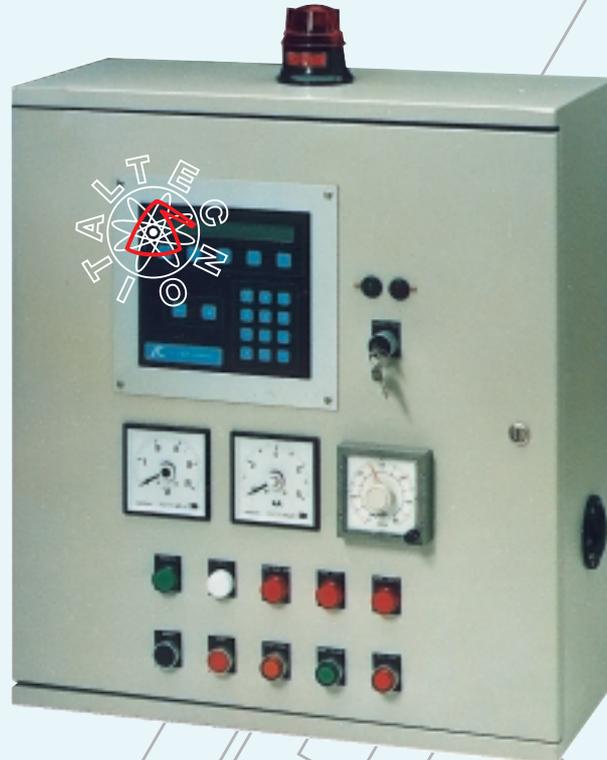




Power supply for conventional electrocolouring and for special processes

TECNO 7S STATIC POWER SUPPLY



New power supply for electrocolouring for improved uniformity, throwing power, colouring speed.

It is a new completely static unit (no movable parts, three phase supply). It is a computerized power supply which has been updated from the previous Tecno 4 and Tecno 5 models.

Tecno 7S can be used with conventional SALLOX (proprietary tin sulphate based bronze/black colour) at high speed (black in 7-8 minutes) or with SUPERSALLOX LT (proprietary sulphate bronze/black colour) for chemical saving at conventional speed.

Tecno 7S is also suitable for standard electrocolouring : 18 g/l of tin sulphate, high speed colouring and also for electrocolou-

ring at only 6 g/l of tin sulphate (Supercolour Sallox LT) (chemical saving) and burgundy electrocolouring technologies (based on Mn and Cu respectively).

GENERAL TECHNICAL FEATURES

Supply: three phases 3 x 380 V
 (others voltages on request)
 50 (60) Hz

Output: rated voltage: 25 Vac/25 Vdc
 Rated current: on request

The unit is composed of:

- N.1 Three-phase main transformer
- N. 2 Thyristor sets, by means of which the direct or alternate output voltage (current) is adjustable, depending on the treatment cycle.



WORKING

The working is based exclusively on a special process computer in the remote control panel with suitable **software for electrocolouring** with tin, nickel, cobalt, copper, manganese electrolytes.

By means of such software, different shades of bronze and also black colour with best uniformity can be obtained.

A further advantage is a remarkable time saving in comparison to conventional supplies based on single phase transformers with sliding brush control.

The treatment cycles must be programmed among the available ones and according to

the pertinent instruction book.

When the pre-set duration of the treatment is expired, a bell rings, and after 3 seconds (approx.) the unit stops (partial stop mode).

At this moment the operator can start again by pressing "start again" button

- the output voltage reaches the same value as before and the timer "start again" starts
- when the pre-set time is expired, the unit stops again in "partial stop" mode
- "start again" operation can be carried out several times

Total reset by means of stop button

