Accuracy starts in the name

SPHYGMOMANOMETERS
Accuracy starts in the name

greenlight 300 model
Code 0702

A manual device recommended by the British Hypertension Society

self calibration
without mercury

Self-calibration to zero each time the device is switched on ensures reliable accuracy

confidence
without mercury

None of the fragility of aneroid devices

Accuracy without mercury
One device for all locations

A manual device with self-calibration each time it is switched on giving accuracy better than +/- 3mmHg

- Moving light indicates cuff pressure with bright large scale display
- None of the fragility of an aneroid gauge
- Frequent calibration checks no longer required
- Cuff deflation rate displayed to aid good technique
- Range 0 - 300mmHg
- Designed within the NHS to provide an accurate alternative to mercury
- Wall mounting and Stand kits available
- Latex free inflation system and coiled tubing
- Recommended manual device of the British Hypertension Society (www.bhsoc.org)
- Full details and videos on www.greenlight300.com

Stand Model

The greenlight 300 converts to a mobile stand model when fitted with the Stand Conversion Kit Code 1774 consisting of:
- A large container for the cuff and tubing on which the greenlight 300 is fitted. The instrument is set at an angle for easy viewing.
- A mounting stem with adjustable height, with five castors to give mobility and stability.

Wall model conversion kit Code 1772
Stand model conversion kit Code 1774
Carrying case with zipper Code 1775

Wall model

The greenlight 300 converts to a wall mounted instrument when fitted with the Wall Conversion Kit Code 1772 consisting of:
- A swivel mounting bracket which allows the instrument to be turned in two directions. This gives easy viewing of the display particularly when the instrument is placed between two beds.
- Cuff is stored behind the instrument.

“The Accoson Greenlight 300, the first non-automated mercury-free blood pressure measurement device to pass the International Protocol for blood pressure measuring devices in adults”.

John W. Graves, Mary Tibor, Blathnead Murtagh, Lois Klein and Sheldon G. Sheps Blood Pressure Monitoring 2004; 9:13-17
6 inch Aneroid Sphygmomanometers

Wall Model
Code: 0342
- Made in UK and guaranteed accurate to BS EN 1060-1
- Large diameter white dial
- Wall model has swivel mounting bracket
- Cuff is stored behind the gauge
- Range 0-300mmHg
- Supplied with latex free inflation system with coiled tubing

Desk Model
Code: 0332
- Made in UK and guaranteed accurate to BS EN 1060-1
- Large diameter white dial
- Desk model has convenient carrying handle
- Cuff is stored behind the gauge
- Range 0-300mmHg
- Supplied with latex free inflation system with coiled tubing

Stand Model
Code: 0362
- Adjustable height with inclined gauge
- Stable base with five castors
- Cuff stored in box with grab handle behind gauge
The new **six** series is a premium range of aneroid sphygmomanometers offering the clinician the highest quality at an affordable price. A modern solution for all locations with innovative and practical features.

- Made in England and guaranteed accurate to ISO 81060-1
- Range 0 - 300 mmHg, with the scale calibrations starting at zero
- Clear white face with fine red pointer gives pin point visibility
- Smooth lines for easy cleaning without awkward areas
- Designed to withstand double full scale overpressure
- Five year calibration warranty

**Optional Wall mounting velcro® plate**

Code: 1660

**Wall model**

Code: 0642

**Desk Model**

Code: 0632

- Spacious storage for latex free inflation system
- Desk model with practical handle and scratch free feet
- Wall model with mounts for fixed or swivel operation
- Hole free wall mounting available using optional velcro® plate
- Mobile stand model with adjustable height and inclined gauge
- Special mounts for rail and other systems on request

**Stand model**

Code: 0662
Portable hand model
Aneroid
Sphygmomanometers

Duplex Aneroid model
Code: 0322

- Made in UK and guaranteed accurate to BS EN 1060-1
- One-handed use, with thumb and fingertip control
- Lightweight diecast metal case
- Supplied in soft zipper case
- Range 0 - 300mmHg
- Latex free inflation system
- Supplied with adult size velcro cuff, with coiled tubing

Limpet Aneroid model
Code: 0292 (Straight tube cuff)
Code: 0302 (Coiled tube cuff)
Code: 0292S (With set of four cuffs)

- Made in UK and guaranteed accurate to BS EN 1060-1
- One-handed use, suitable for both right and left hands
- Supplied in soft zipper case
- Range 0 - 300mmHg
- Supplied with adult velcro cuff, bulb and either straight or coiled tubing, or with a set of four cuff sizes
Portable Aneroid Sphygmomanometers

Pocket Aneroid model
Code: 0312

- Made in UK and guaranteed accurate to BS EN 1060-1
- Lightweight diecast metal case
- Cuff/pocket clip on back of case
- Range 0-300mmHg
- Supplied in soft zipper case
- Supplied with adult size velcro cuff and latex free inflation system

Combine model
Code: 0400 Self Test

- Made in UK and guaranteed accurate to BS EN 1060-1
- Designed for self use
- Cuff fitted with built-in stethoscope
- Cuff designed for easy fitting using one hand
- Gauge designed for use with either right or left hand
- Supplied in soft zipper case
- Complete with latex free inflation system, instructions and printed record form
Mercury
Sphygmomanometers

Dekamet
Code 0125

- Made in UK and guaranteed accurate to BS EN 1060-1
- Lightweight diecast case
- Shatterproof plastic manometer tube
- Mercury reservoir isolation valve
- Steel hinge pivots
- Range 0-300mmHg
- Supplied with adult latex free velcro cuff and bulb

Freestyle Stand
Model
Code 0042

- Mercury reservoir with isolation valve
- Adjustable height with inclined manometer
- Cuff is stored behind manometer in large storage box with grab handle
- Range 0-300mmHg
- Stable base with five castors
- Supplied with adult latex free velcro cuff bulb and coiled tubing

Freestyle Desk Model
Code 0012

Freestyle Wall Model
Code 0022

- Made in UK and guaranteed accurate to BS EN1060-1
- Shatterproof plastic manometer tube
- Mercury isolation valve fitted to reservoir
- Wall model has swivel mounting bracket
- Cuff is stored behind manometer
- Supplied with adult latex free velcro cuff bulb and coiled tubing
- Range 0-300mmHg
The Accoson Pressure Infusion Cuff is an inflatable device to aid IV infusion delivery speed. It features a large scale accurate pressure gauge, simple press valve for rapid deflation and a strong fine mesh front for excellent visibility. Fine adjustment of air pressure is available by using the adjustment valve on the pressure gauge.
All components of the Accoson Pressure Infusion Cuff are available separately, giving simple and economic maintenance.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0210</td>
<td>1 Litre Pressure Infusion Cuff</td>
</tr>
<tr>
<td>0205</td>
<td>0.5 Litre Pressure Infusion Cuff</td>
</tr>
<tr>
<td>0203</td>
<td>Pressure Gauge only</td>
</tr>
<tr>
<td>1924</td>
<td>0.5 Litre Infusion Cuff only</td>
</tr>
<tr>
<td>1923</td>
<td>1 Litre Infusion Cuff only</td>
</tr>
<tr>
<td>1922</td>
<td>Press Valve for Bulb</td>
</tr>
<tr>
<td>1925</td>
<td>Locknuts for Gauge</td>
</tr>
<tr>
<td>1918</td>
<td>Tubing Set for Infusion Cuff</td>
</tr>
</tbody>
</table>

All Accoson products carry the CE mark.
Innovative control valve for blood pressure cuffs

(International patents pending)

The new **click 300** is an innovative and patented blood pressure cuff deflation valve which enables the user to set a rate of cuff deflation without continual adjustment as the cuff pressure falls during the blood pressure measurement.

The valve is controlled by a simple finger wheel, with an intuitive click feature. As the wheel is rotated each click adjusts the deflation rate, and that rate is maintained automatically by the inner mechanism of the valve. This avoids the continuous adjustment required by conventional air release valves as the cuff pressure falls.

The deflation rate may be changed at any time, typically after the point of systolic pressure and before the point of diastolic pressure, to avoid prolonged inflation of the cuff. Any new rate selected will be maintained by the **click 300** until readjustment.

The **click 300** makes it easy to apply the British Hypertension Society recommended rate of cuff deflation of 2 to 3 mmHg/sec, for a manual blood pressure measurement (www.bhs.org). Further research* has also shown that this slow rate of cuff deflation is necessary for accurate manual blood pressure measurement.

The Accoson ambidex one-piece cuff has been developed to provide a blood pressure cuff which is easy to use, clean, multi-purpose and cost-effective.

- The cuff has a unique soft edge which replaces the weld found on other cuffs, allowing the ambidex cuff to be applied to either the left or right arm with equal comfort for the patient.

- The air inlet tube is positioned in the centre of the cuff face so that it is always out of the way of the patient's arm, whether the left or right arm is chosen. This means that there are no tubes to interfere with the stethoscope during manual measurement, and the tubes are tidy when a patient monitor is used.

- Constructed in soft yet robust fabric, which has antimicrobial treatment, these one-piece cuffs come in a full range of sizes which are based on the recommendations of the British Hypertension Society (www.bhs.org)

- Each cuff carries a RANGE marker and ARTERY position indicator, both printed so that they can be read when using the cuff on either arm.

- The Accoson ambidex bladderless blood pressure cuff can be used as a regular cuff, or for single patient use, and carries a white panel on which a patient's name or the cuff location details can be recorded.
Innovative blood pressure cuffs

- Unique ambidex comfort edge
- Cuff can be used on either left or right arm
- Inlet tube positioned in the centre of the cuff face frees space for the stethoscope and keeps tubing on the outside of the arm
- **CUFF RANGE** and **ARTERY** position indicator can be read when cuff is on either arm
- Full range of sizes based on BHS recommendations
- Latex-free throughout
- Panel for single patient or cuff identification if required
- Single and double tube option, with a full range of tube connectors. See table on www.accoson.com
- Tab for aneroid gauge or for use as a tube tidy
- Easily cleaned; antimicrobial treated and full details on www.accoson.com

**Cuff size** | **Range** | **Code Single Tube** | **Code Double Tube**
---|---|---|---
INFANT | 13 - 19 cm | 1296 | 1286
CHILD | 18 - 25 cm | 1294 | 1284
ADULT | 24 - 35 cm | 1290 | 1280
LARGE ADULT | 34 - 46 cm | 1293 | 1283
OUTSIZE ADULT or THIGH | 45 - 60 cm | 1298 | 1288

A C Cossor & Son (Surgical) Ltd.,
Accoson Works, Parkway,
Harlow Business Park, Harlow,
Essex, CM19 5QP

t: +44(0) 1279 433456 f: +44 (0) 1279 444018

e: accoson@accoson.com
w: www.accoson.com
It was the best of times, it was the worst of times”. So wrote Charles Dickens in the novel A Tale of Two Cities, published on July 11th 1859. On 31st May 1859 the famous clock tower of the Houses of Parliament in London, featured on the front of this catalogue and popularly known as Big Ben, first started to record time.

It was in this year that A C Cossor & Son (Surgical) Ltd. was established by Alfred Charles Cossor. One hundred and fifty years later it remains a family-owned and managed company.

The founder had become a skilled glass blower, having served a seven-year apprenticeship, and it was this skill which enabled him to establish his business and gain a high reputation for the quality of his products. He was joined by his son, also Alfred Charles, in 1875, and then by his younger son Frank in 1885. In 1895 the founder’s elder son Alfred Charles left the business to work on the development of the x-ray tube, and later became founder of A C Cossor Ltd., going on to manufacture wireless, television and electronic equipment.

In 1904 the first sphygmomanometer was manufactured by the company, using the glass blowing skills to produce the glass manometer.

The business was located in Clerkenwell, London with additional premises in Highbury. In 1906 the name ACCOSON was registered as a trademark, using the founder’s initials and acknowledging his son.

In 1917 the company moved to Vale Road, in north London, under the guidance of Frank Cossor.

In 1921 Frank Cossor was joined by his son Frank Gordon Cossor, and the company expanded its products to include all types of thermometers, hydrometers and syringes. The expansion of the business enabled it to survive the loss of the factory to a fire in 1929 and the demands of the second world war.

The company celebrated its centenary in 1959 when Frank Gordon Cossor was Managing Director.

Sphygmomanometers became the main product when Adrian Cossor joined the company in 1966, the fourth generation to do so.

The current range of ACCOSON sphygmomanometers enjoys an excellent reputation for value and quality. A full range of models is produced and shown within this catalogue, with accessories and spare parts being available to ensure a long life. The products are manufactured to the accuracy requirements of the current European Standard, under the Quality Assurance standard ISO13485:2003.

The latest device produced is the greenlight 300, which has been developed to replace the conventional mercury and aneroid instruments. It is an innovative electronic device which was developed with scientific and technical support from the Medical Physics Department of the Freeman Hospital in Newcastle, and this partnership has been acknowledged by an award from the Department of Trade. The device has also won a special award from NHS Innovations North.

In August 2007 the company moved to its present location, Harlow in Essex, to a new custom-built building, where production, inspection and distribution are carried out. More than half of the company’s sales are to the export market.

Our 150 years span times which have seen great change, both social and technical. Our position today is due to the skills of our predecessors, the support of our staff and customers, and the help and encouragement received from the many friends we have made.

**A C COSSOR & SON (SURGICAL) LTD**

Obtainable from:

Accoson Works, Parkway,
Harlow Business Park,
Harlow, Essex. CM19 5QP,
England

t: +44 (0) 1279 433456 f: +44 (0) 1279 444018
e: accoson@accoson.com
w: www.greenlight300.com (dedicated greenlight site)
w: www.accoson.com (general site)