

DRÄGER - BARAKUDA PRESSLUFTTAUCHGERÄTE

Unsere Geräte ermöglichen jedem gesunden Menschen unabhängiges, freies Tauchen in normalen Wassertiefen ohne besondere Vorbildung. — Sie sind auf Grund 50jähriger Erfahrungen nach dem Gesichtspunkt absoluter Sicherheit und Zuverlässigkeit konstruiert. — In ihrer Bedienung und Wartung sind unsere Tauchgeräte einfach und anspruchslos. — Das vorliegende Programm umfasst Geräte jeder Größe und Preisklasse sowohl für den einfachsten als auch für den anspruchsvollsten Verwendungszweck. — Unsere Geräte stellen den neuesten Stand der Technik auf diesem Gebiet dar.

THE "PA 61" SERIES includes a range of divers' equipment of the types
"SKAGERRAK", "BALTIK", "BISKAYA", "ATLANTIK" and "PAZIFIK"

The equipment is fitted with the newly-developed double-hose lung "PA 61" which guarantees complete operational safety and minimum breathing effort. The joining sockets of the breathing tubes are so constructed that the mouth-piece can be changed simply by screwing and a simple mouth-piece, a special mouth-piece with regulator valve or a mask enclosing the whole face, as required, can be connected to the air supply (see list of accessories).

The double-tank equipment in this series is available with the standard German screw thread for compressed air connections or with international stirrup type joining sockets.

All equipment is fitted with reserve valves. All types, without exception, are suitable for diving at all attainable normal depths. The single parts making up the equipment are interchangeable within this series, so that anyone who possesses a simple type of equipment in this series can obtain something larger by buying the necessary supplementary parts. At the same time, anyone who has multiple-tank equipment can obtain several types of single or multiple tank equipment in this series by dismantling his existing equipment and buying the necessary supplementary parts. All combinations are available in this manner.



SKAGERRAK TR



BISKAYA TR

"SKAGERRAK — TG" compressed air diving equipment

With one 7-litre tank allowing an average of 40 minutes under water at a depth of 5 metres. The equipment is fitted with harness and simple "T" mouth-piece.

Order No.: R 19410 | R 16840 | R 18366 | R 17067

"SKAGERRAK — TR" compressed air diving equipment

As above, but with pipe-carrying harness and simple "T" mouth-piece.

Order No.: R 19413 | R 17067

"SKAGERRAK — YG" compressed air diving equipment

As above, but with harness and non-return valve mouth-piece.

Order No.: R 19410 | R 16840 | R 18366 | R 18161

"SKAGERRAK — YR" compressed air diving equipment

As above, but with pipe-carrying harness and non-return valve mouth-piece

Order No. R 19413 | R 18160

"BISKAYA — TR" compressed air diving equipment

With 11-litre tank allowing an average of 60 minutes under water at a depth of 5 metres. The equipment is fitted with a simple "T" mouth-piece and pipe-carrying harness.

Order No.: R 19414 | R 17067

"BISKAYA — YR" compressed air diving equipment

As above, but with mouth-piece with non-return valve and pipe-carrying harness.

Order No.: R 19414 | R 18160

The **"Delphin II" series** is a range of small, handy divers' equipment with 4 and 5-litre tanks and a simple single-hose lung with controlled breathing. These apparatuses are suitable for use in depths of up to approximately 12 metres. Their special advantage is that they are easy to handle and may quickly be brought into operation. They are therefore especially useful for life-saving purposes, as part of the equipment of a swimming-pool and everywhere where light, handy and reasonably priced equipment is needed for use at moderate depths. As the air volume is relatively limited, it is advisable to have at least one reserve tank available with this equipment. As the lung is of the normal size, the air supply is sufficient where resistances are normal. Increased breathing resistance when the air supply is running short is a sign to the diver that he should emerge to the surface in time. The equipment, consisting of a few single parts, can be assembled and made ready for use in 1 to 2 minutes. Equipment in the "Delphin II" series, like all

equipment in our programme, is made of first-class materials. The workmanship is of the best and satisfies the most exacting standards. All metal parts are thoroughly protected against corrosion, and all rubber parts are of neoprene that resists the effects of oil, sea-water and atmosphere. The tanks have, as in all equipment, a working pressure of 200 atmospheres. No special tools are needed when preparing the equipment for use.



DELPHIN II — 4 — FG



DELPHIN II — 5 — WR

"DELPHIN II — 4 — FG" compressed air diving equipment

With one 4-litre tank, allowing approx. 25 minutes under water at a depth of 5 metres. The equipment is fitted with a fixed mouth-piece and with harness.

Order No.: R 18855

"DELPHIN II — 4 — WG" compressed air diving equipment

As above, but with interchangeable mouth-piece.

Order No.: R 18856

"DELPHIN II — 5 — FG" compressed air diving equipment

With one 5-litre tank allowing approx. 30 minutes under water at a depth of 5 metres. The equipment is fitted with harness and with a fixed mouth-piece.

Order No.: B 2521 | R 16378 | R 16360

"DELPHIN II — 5 — WG" compressed air diving equipment

As above, but with interchangeable mouth-piece.

Order No.: B 2521 | R 17036 | R 16378

"DELPHIN II — 5 — FR" compressed air diving equipment

As above, but with pipe-carrying harness and fixed mouth-piece.

Order No.: R 19406

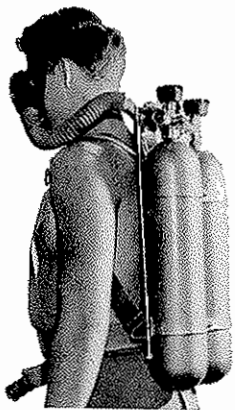
"DELPHIN II — 5 — WR" compressed air diving equipment

As above, but with pipe-carrying harness and interchangeable mouth-piece.

Order No.: R 19407

Spare parts for the "DELPHIN II" Series

Item	Description	Order No.
Item a)	Lung Automat with breathing tube, elbow joint and a fixed mouth-piece	R 16360
Item b)	Lung Automat with breathing tube, elbow joint and an interchangeable mouth-piece	R 17036
Item c)	Lung Automat without breathing tube and mouth-piece	R 16352
Item d)	Breathing tube, separate	R 16371
Item e)	Mouthpiece to fix, separate	R 16636
Item f)	Mouth-piece with screw connection	R 16678
Item g)	Head strap for the interchangeable mouth-piece	R 16680
Item h)	Elbow joint to fix, separate	R 16623
Item i)	Elbow joint with screw connection	R 16679
Item k)	4-litre bottle with usual valve	B 2591
Item l)	5-litre bottle with usual valve	B 2521
Item m)	carrying straps for a 4-litre bottle	R 18854
Item n)	carrying straps for a 5-litre bottle	R 16378
Item o)	Pipe-carrying harness with cylinder-clamps for 5-litre bottle, opt.	R 19381
Item p)	Straps for pipe-carrying harness	R 19391



BALTIC VD

"BALTIC — TD" compressed air diving equipment

With two 4-litre tanks allowing an average of 45 minutes under water at a depth of 5 metres. The equipment is fitted with a simple "T" mouth-piece and German standard compressed air connection.

Order No.: R 19415 | R 17067

"BALTIC — TI" compressed air diving equipment

As above, but with simple "T" mouth-piece and international compressed air connection.

Order No.: R 19428 | R 17067

"BALTIC — VD" compressed air diving equipment

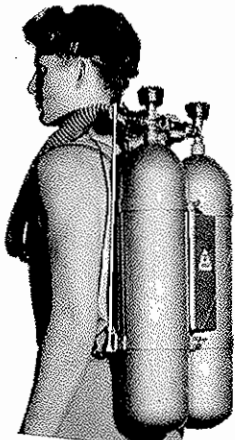
As above, but with mouth-piece with non-return valve and German standard compressed air connection.

Order No.: R 19415 | R 18160

"BALTIC — VI" compressed air diving equipment

As above, but with mouth-piece with non-return valve and international compressed air connection.

Order No.: R 19428 | R 18160



ATLANTIK TD

"ATLANTIK — TD" compressed air diving equipment

The equipment has two 7-litre tanks allowing an average of 80 minutes under water at a depth of 5 metres. It consists of a simple "T" mouth-piece together with standard German compressed air connection.

Order No.: R 19416 | R 17067

"ATLANTIK — TI" compressed air diving equipment

As above, but with simple "T" mouth-piece and international compressed air connection.

Order No.: R 19431 | R 17067

"ATLANTIK — VD" compressed air diving equipment

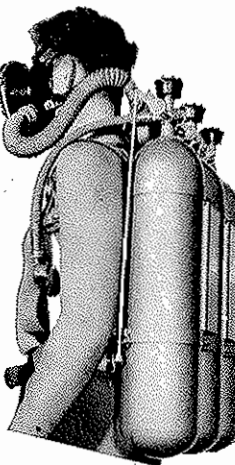
As above, but with mouth-piece with non-return valve and standard German compressed air connection.

Order No.: R 19416 | R 18160

"ATLANTIK — VI" compressed air diving equipment

As above, but with mouth-piece with non-return valve and international compressed air connection.

Order No.: R 19431 | R 18160



PAZIFIK

with full face mask 61 T and pressure gauge (under water)

"PAZIFIK — TD" compressed air diving equipment

With three 7-litre tanks allowing an average of 120 minutes under water at a depth of 5 metres. The equipment is fitted with a simple "T" mouth-piece and German standard compressed air connection.

Order No.: R 19417 | R 17067

"PAZIFIK — TI" compressed air diving equipment

As above, but with simple "T" mouth-piece and international compressed air connection.

Order No.: R 19434 | R 17067

"PAZIFIK — VD" compressed air diving equipment

As above, but with mouth-piece with non-return valve and standard German compressed air connection.

Order No.: R 19417 | R 18160

"PAZIFIK — VI" compressed air diving equipment

As above, but with mouth-piece with non-return valve and international compressed air connection.

Order No.: R 19434 | R 18160

Single parts for the "PA 61" series

Item	Description	Order No.
Item 1)	Lung Automat PA 61 cpl. with double breathing tube and connection screws without mouth-piece	R 18366
Item 2)	Lung Automat with German connection screws, separate	R 18351
Item 3)	Single breathing tube	R 18140
Item 4)	Connection screw separate, each	R 17060
Item 5)	Lung Automat PA 61 with double breathing tube and connection screws for international connection for compressed air without mouth-piece	R 18408
Item 6)	Lung Automat with an international connection screw	R 18401
Item 7)	Simple T-mouth-piece, separate	R 17067
Item 8)	Non-return valve mouth-piece	R 18160
Item 9)	7-litre bottle with reserve switch and switch lever	R 19410
Item 10)	7-litre bottle with normal valve	B 2610
Item 11)	7-litre bottle with passage valve	B 2611
Item 12)	4-litre bottle with normal valve	B 2591
Item 13)	4-litre bottle with reserve switch and switch lever, separate	B 19409
Item 14)	11-litre bottle with reserve switch and switch lever	R 19412
Item 15)	Connection piece for two bottles with German connection screw	R 16777
Item 16)	Connection piece for two bottles with international connection screw	R 18400
Item 17)	Connection piece for the PACIFIC	R 17070
Item 18)	Upper and lower cylinder clamp, cpl. for two 4-litre bottles	R 19218
Item 19)	Upper and lower cylinder clamp, cpl. for two 7-litre bottles	R 19265
Item 20)	Upper and lower cylinder clamp, cpl. for three 7-litre bottles	R 19273
Item 21)	Float for 4-litre bottles	R 19597
Item 22)	Float for 7-litre bottles	R 17234
Item 23)	Carrying straps for bottles	R 16840
Item 24)	Pipe-carrying harness with clamps	R 19381
Item 25)	Straps for pipe-carrying harness and two-bottle-apparatuses	R 19391
Item 26)	Straps for the PACIFIC	R 19394

The lung "PA 62" consists of a pressure reducing valve, low pressure connection hose and the lung itself. The lung can only be used with full mask "60 R", to which it is laterally screwed. The pressure reducer is fitted with a German standard screw thread, which screws on to the valve of the compressed air tank. The low pressure hose connects the pressure reducer to the lung fitted to one side of the mask. "PA 62" can be used with all apparatus of the "PA 61" series instead of the "PA 61", especially in cases where, for some reason, the use of concertina hose does not appear advisable. The "PA 62" apparatus available Spring 1961.



PA "62" with Mask 60 R

Lung type "PA 62", consisting of pressure reducer, connection hose with threaded joint and automatic parts, cpl. Order No.: R 18235

Spare Parts

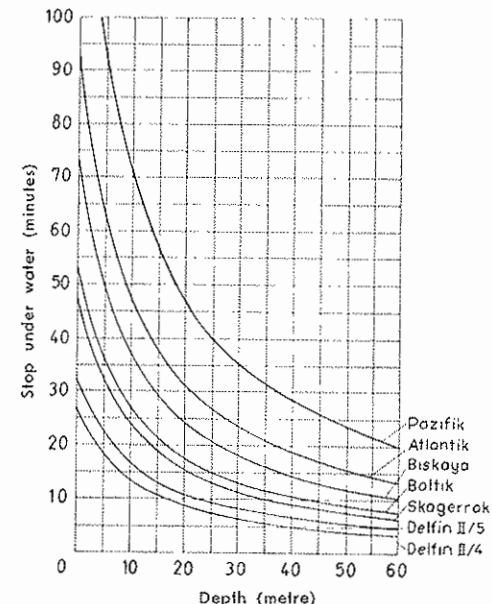
- Pressure reducing valve, sep.
- Connecting tube with connection screws
- Automat, sep.
- Full face mask 60 R

R 18235

Additional Parts:

Description	Order No.
Full face mask "61 T" with helpingmask inside for Lung Automat "PA 61"	R 19610
Closure screw for bottle valves	V 2197/2
Plastic closure cap for bottle valves	R 18916
Pressure gauge with tube suitable for all apparatuses with reserve switch, cpl.	R 19279
Pressure gauge, single	5 K 825
Packing ring for connection screws for compressed air for the Lung Automat "PA 61"	R 16346
Pressure gauge (above water)	R 16638
Filling-screw connection with manometer	R 17113
Adaptor (connection piece for bottles with German-international connection screw for compressed air)	R 17115
Tool bag for SKAGERRAK and BISKAYA	R 17155
Tool bag for BALTIC, ATLANTIC and PACIFIC	R 17156
With German connection screw for compressed air	R 17156
dto. for apparatuses with international connection screw for compressed air	R 17157

All apparatuses and additional parts with international compressed air connection are deliverable in spring 1961





The harness is made of stout, rot-proof material. The patent quick-release buckle allows the equipment to be adjusted under water and to be quickly put on and taken off.



The breathing tubes of lung "PA 62" are fitted with special connecting sockets that allow the mouth-pieces to be changed and various types of mouth-piece to be used. Alternately, a full mask covering the whole face may be used instead.



The lung "PA 61" is so constructed that any stoppages occurring in the pressure reducing system, perhaps in places hard to get at, can easily be repaired by inserting one single new part to replace the old.



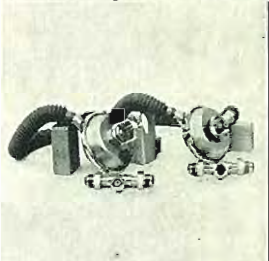
The novel patent reserve regulator indicates if the control lever is in the false position when the apparatus is being filled. A guard on the reserve regulator prevents the lever from being switched over to reserve accidentally (when diving in caves, for example).



The full face mask "61 T", is provided with an inner auxiliary mask, so that blind areas are eliminated. The mask is thus capable for use at greater depths. The built-in non-return valve keeps the interior free from water.



All equipment with more than one bottle is so constructed that a pressure gauge, visible while the equipment is in use, may be fitted.



The connection joints for multiple-bottle equipment, can be supplied, either with standard German compressed air connection or with the international stirrup type joining socket, so that the equipment may be filled in any German and also in any foreign filling station.



All tank valves are constructed to stand up to rough treatment and tropical conditions. They are also provided with protective caps. The tanks may also be used singly.

Rost
Schutz

All tanks have been treated by an effective patent cold galvanising process so that rust cannot undermine the protective coating if the latter is damaged.

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All lung apparatus in this catalogue is guaranteed for one year. The terms of this guarantee and servicing are carried out through all Dräger agents — branches and Barakuda — in the Federal Republic.

Neo

All rubber parts are made of neoprene and thus proof against the effects of aging and against oil.



All equipment of a series is constructed on the accumulative principle. The purchaser can extend his existing smaller equipment by buying the parts for larger equipment.