

SCUBATECH BUOYANCY COMPENSATOR DEVICE



DISCOVER BCD

SCUBATECH BUOYANCY COMPENSATOR DEVICE

Manufacture's Name

SCUBATECH SP.Z O.O.

Manufacture's Address

Ul. Lubieszyska 2, 72-006 Mierzyn, Poland.

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SCUBATECH BUOYANCY COMPENSATOR DEVICE

DISCOVER BCD

| Size | XS | SM | MD | LG | XL |
|----------|---------|---------|---------|---------|---------|
| Part No. | 31005-1 | 31005-2 | 31005-3 | 31005-4 | 31005-5 |



SCUBATECH BUOYANCY COMPENSATOR DEVICE

DISCOVER BCD

XXXXXX.

FEATURES

É XXXXXXXXX

SCUBATECH BUOYANCY COMPENSATOR DEVICE

DISCOVER BC Model Name

This style BCD will be branded the following brand mark in the market.

É **Model Name:** DISCOVER

Brand Name: SCUBATECH

Company Name: SCUBATECH SP.Z O.O.

Company Address: Ul. Lubieszyska 2, 72-006 Mierzyn, Poland.

Left and right pocket Embroidery Logo: DISCOVER &SCUBATECH

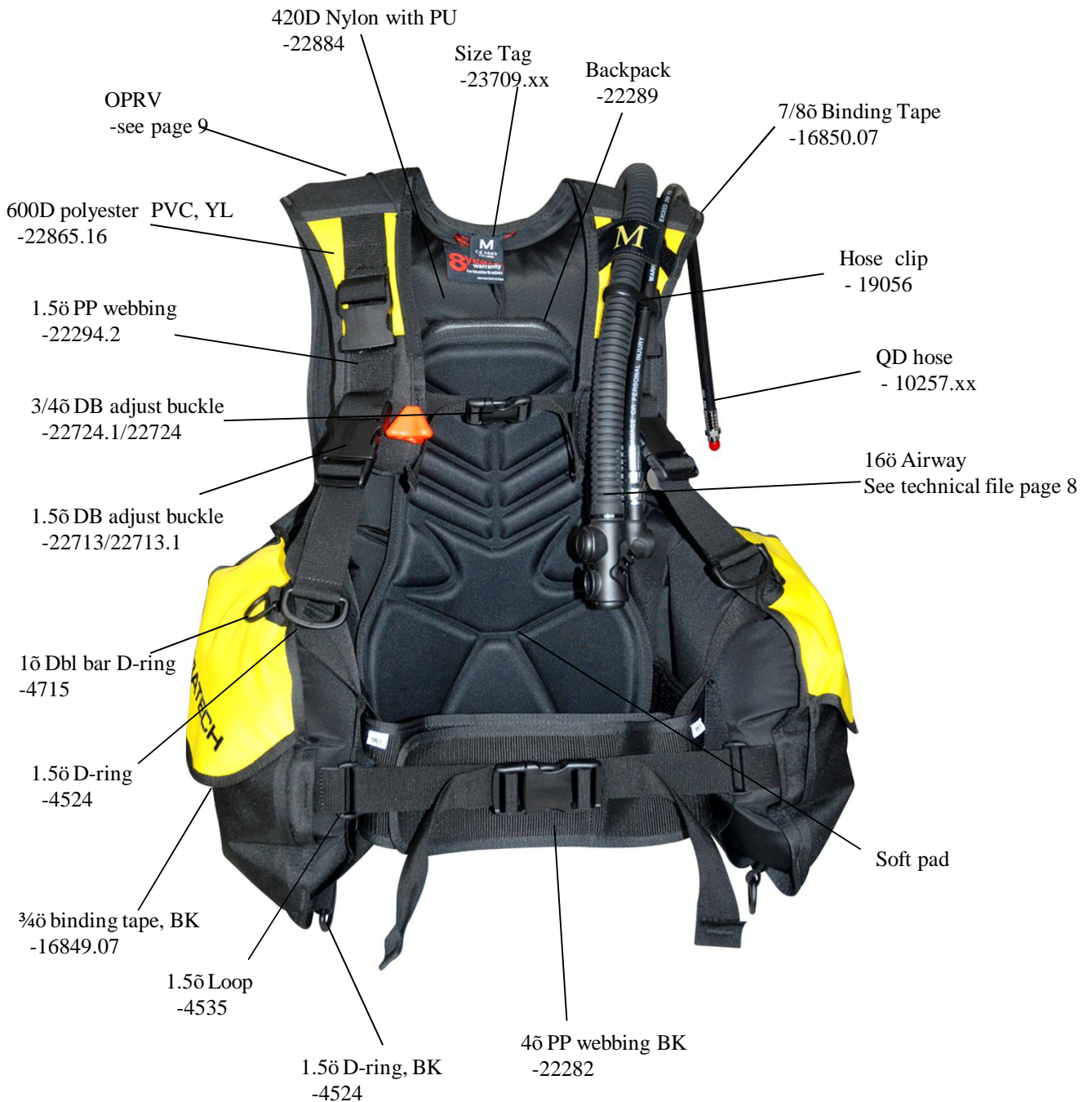
| Size | XS | SM | MD | LG | XL |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| Part No. | 31005-1 | 31005-2 | 31005-3 | 31005-4 | 31005-5 |

DISCOVER BC Buoyancy:

| Size | XS | SM | MD | LG | XL |
|------------------------------|-----------|-----------|-----------|-----------|-----------|
| Part No. | 31005-1 | 31005-2 | 31005-3 | 31005-4 | 31005-5 |
| Buoyancy (Unit:N) | 120 | 140 | 170 | 220 | 270 |

SCUBATECH BUOYANCY COMPENSATOR DEVICE

DISCOVER BC ó Front View



SCUBATECH BUOYANCY COMPENSATOR DEVICE

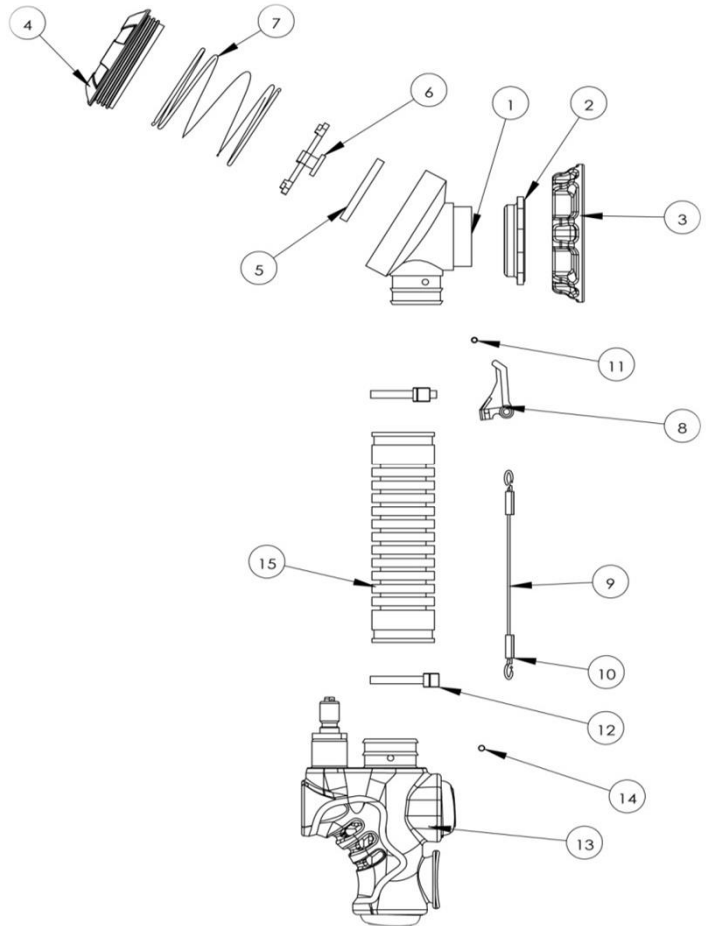
DISCOVER BC ó Back side View



SCUBATECH BUOYANCY COMPENSATOR DEVICE

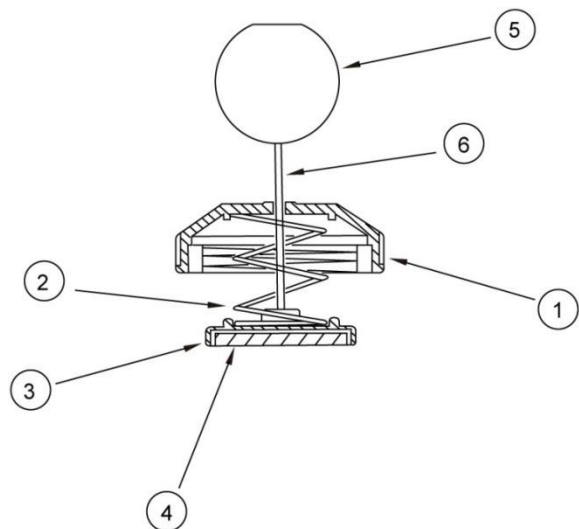
Airway drawing

| Item No. | Part Number | Description |
|----------|-------------|----------------------|
| 1 | 19042 | Elbow |
| 2 | 19050 | Nut bushing |
| 3 | 23298 | Nut housing |
| 4 | 22334 | Cap |
| 5 | 19046 | Gasket, upper airway |
| 6 | 19040 | Poppet upper |
| 7 | 19041 | Spring |
| 8 | 19002 | Arm |
| 9 | 4501 | Cable |
| 10 | 4502 | Crimp |
| 11 | 4948 | Pin, short |
| 12 | 4408 | TY-strap |
| 13 | PI-07 | Power inflator |
| 14 | 23346 | Pin |
| 15 | 4946.xx | Rubber hose |



OPRV Drawing

| Item No. | Part Number | Description |
|----------|-------------|-------------|
| 1 | 23296 | OPRV Cap |
| 2 | 4941 | Spring |
| 3 | 19059 | Cup |
| 4 | 4510 | Gasket |
| 5 | 22257.08 | Pull ball |
| 6 | 22450 | Pull cord |

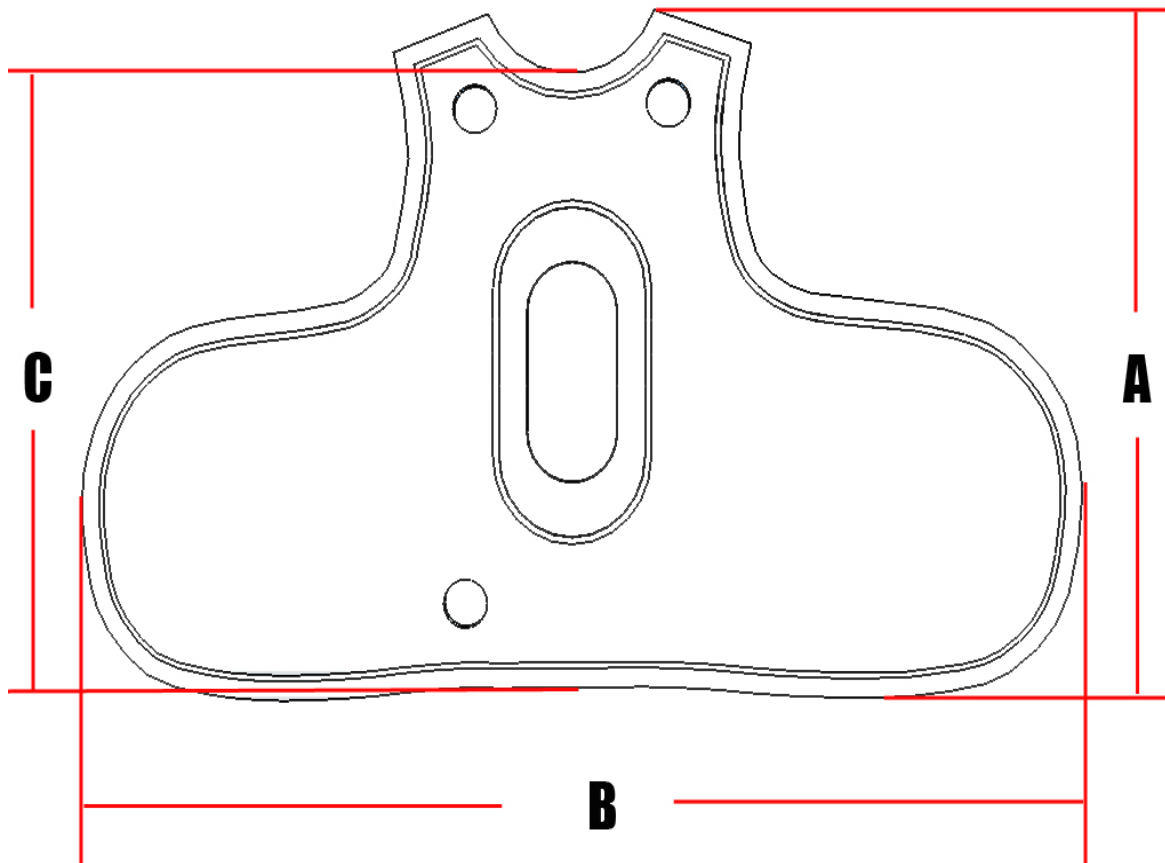


SCUBATECH BUOYANCY COMPENSATOR DEVICE

DISCOVER BCD Bladder Dimensions

Unit: mm Tolerance: ± 2 mm

| Size | A | B | C | DWG. # |
|------|-----|------|-----|-------------------|
| XS | 605 | 955 | 535 | 90110.51/90164.51 |
| SM | 665 | 1025 | 570 | 90110.52/90164.52 |
| MD | 740 | 1075 | 605 | 90110.53/90164.53 |
| LG | 755 | 1190 | 665 | 90110.54/90164.55 |
| XL | 780 | 1250 | 680 | 90110.55/90164.56 |



SCUBATECH BUOYANCY COMPENSATOR DEVICE

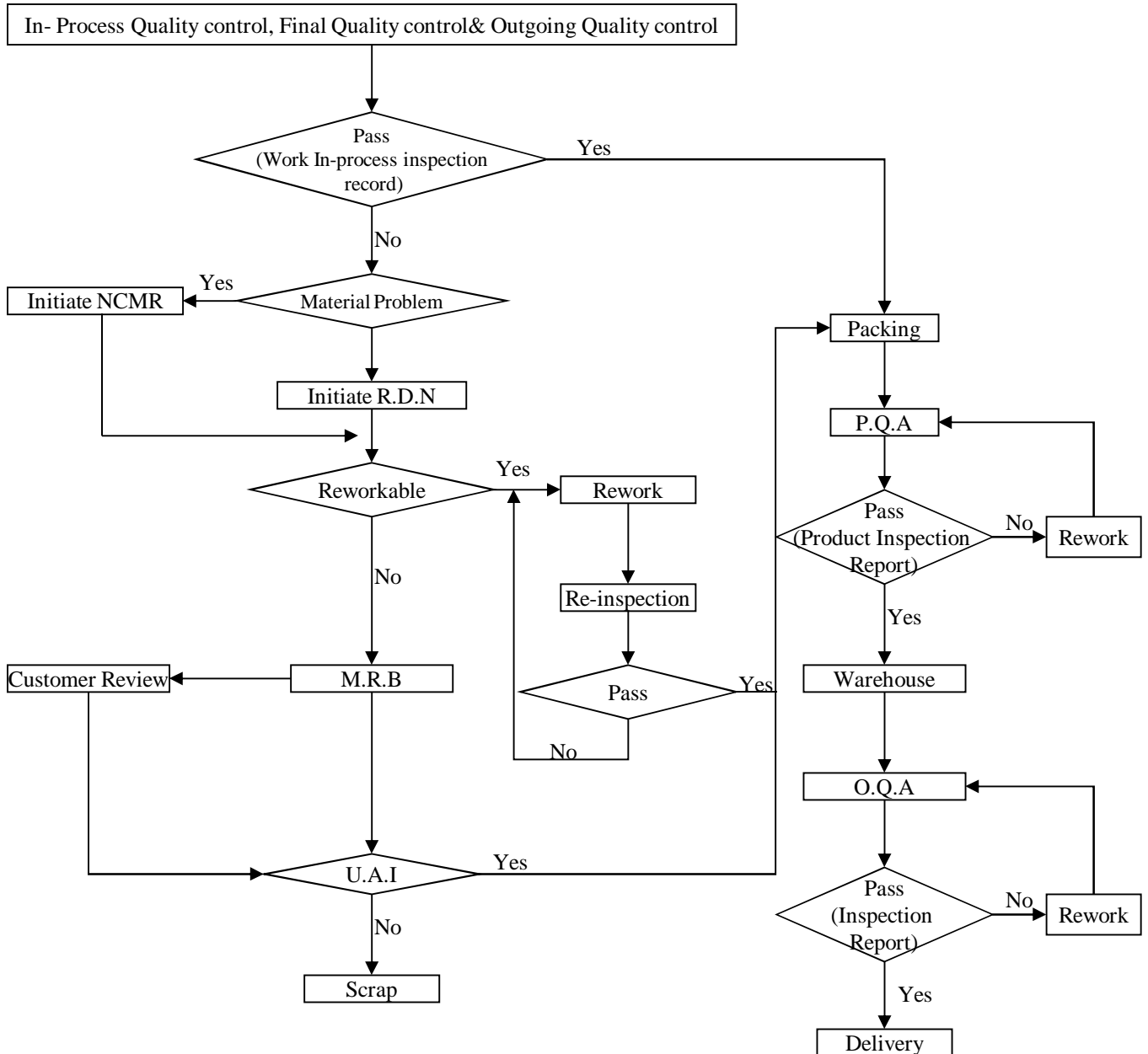
Method of Manufacture

- Step 1. Do Cutting for all parts of the BCD(e.g Bladder, pocket, shoulder)
- Step 2. Do RF welding for the BCD bladder.(e.g Retainer welding, whole bladder welding)
- Step 3. Sew parts with BCD bladder.(e.g Shoulder, left and right big pocket)
- Step 4. Do sewing for some accessory parts (e.g Soft pad, tank band, waist band, weight pouch)
- Step 5. Do inspection with the parts which after step3 and step 4 sewing, and inspect the other accessories(e.g Inflator, QD hose)
- Step 6. Assembly the accessory (e.g Inflator, QD hose, soft pad, waist band)with the jacket which after Step 3 sewing.
- Step 7. Do 100% leaking test, and visual inspection.
(Leaking Test: put the full inflatable BCD on the desk for overnight (12 hours), and then check the BCD if the bladder of the BCD is softer than before)

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Production Control

In- Process Quality control, Final Quality control& Outgoing Quality control



R.D.N. : Reworkable Discrepancy Notice
 U.A.I. : Use As Is
 M.R.B. : Material Review Board

O..Q.A. : Out-going Quality Audit
 P.Q.A. : Pallet Quality Audit
 N.C.M.R. : Nonconforming Material Report